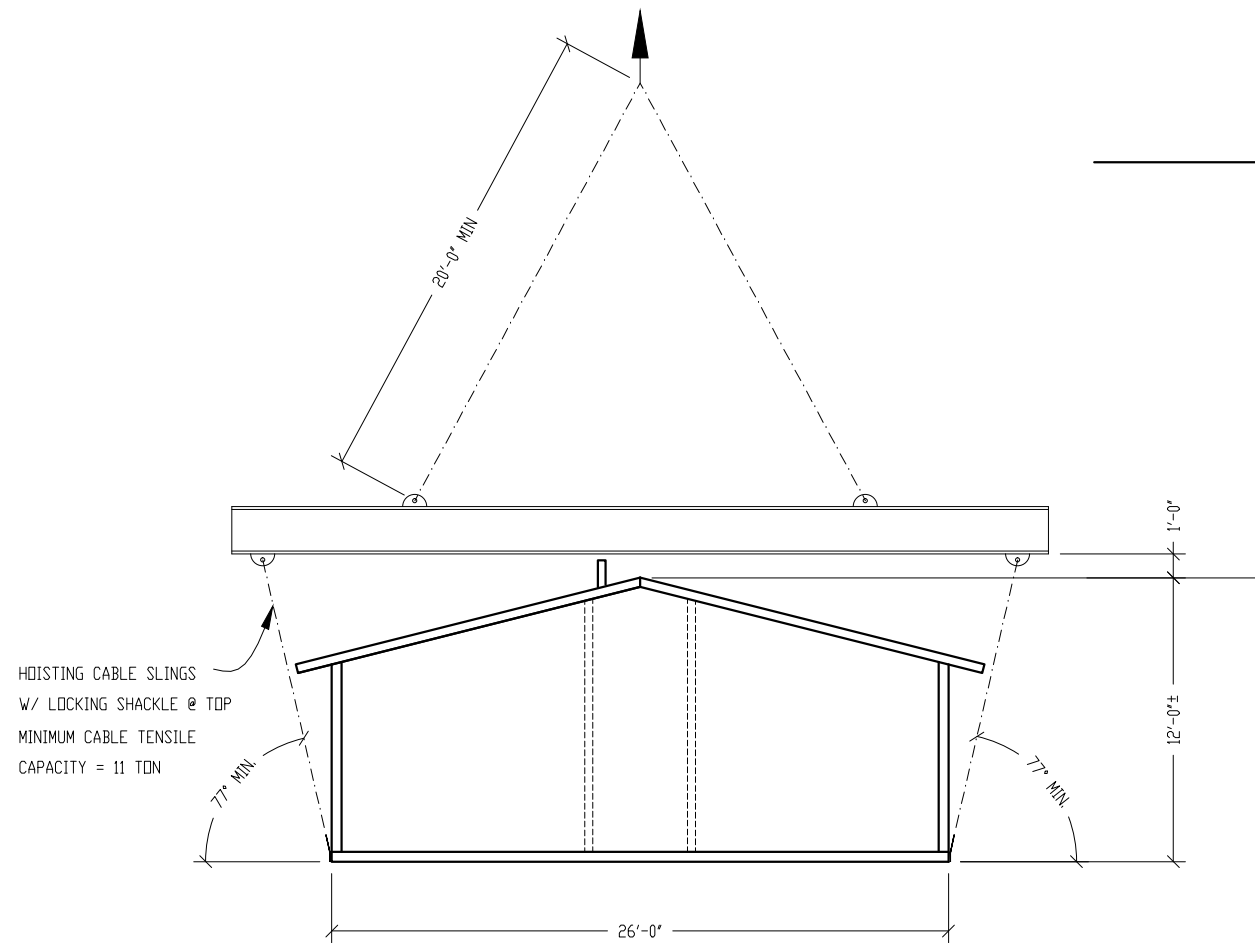




NOTES:

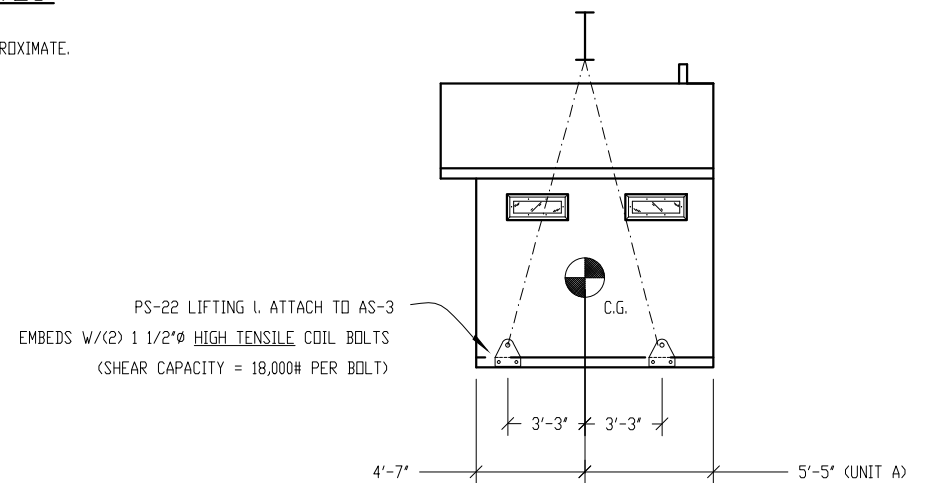
1. THE TABS STYLE BUILDING CONSISTS OF TWO SEPARATE UNITS TO BE PLACED AND JOINED AT THE PROJECT SITE. PROPER SITE PREPARATION AND HANDLING IS ESSENTIAL FOR THE SAFE AND PROPER INSTALLATION OF THE BUILDING.
2. PROVIDE SHALLOW TRENCH WITH ROLLED EDGES ALONG BUILDING JOINT LINES TO PREVENT TRAPPING MATERIAL BETWEEN UNITS BEING DRAWN TOGETHER.
3. PLACE UNITS AS CLOSE TO ONE ANOTHER AS POSSIBLE. SPACE BETWEEN UNITS SHOULD NOT EXCEED 1" AT INITIATION OF POST-TENSIONING. MAXIMUM ALLOWABLE FINISH JOINT SPACE BETWEEN UNITS SHALL BE 1/2".
4. POST-TENSIONING TO DRAW UNITS INTO CONTACT SHALL BE ACCOMPLISHED WITH EQUIPMENT PROVIDED BY CXT BY PROPERLY TRAINED PERSONNEL. INSTRUCTIONS PROVIDED BY CXT SHALL BE CAREFULLY ADHERED TO. ALL NECESSARY SAFETY PRECAUTIONS SHALL BE TAKEN BY INSTALLATION PERSONNEL.
5. AFTER COMPLETION OF BUILDING PLACEMENT, BLOCKOUTS AT POST-TENSIONING ANCHORAGE POINTS SHALL BE FILLED WITH NON-METALLIC, NON-SHRINK GROUT. PROVIDE SMOOTH, NEAT FINISH COMPATIBLE WITH SURROUNDING CONCRETE SURFACES. MATCH CONCRETE COLOR.
6. PROVIDE UTILITY CONNECTIONS (PLUMBING & ELECTRICAL) AS REQUIRED AND/OR AS CALLED FOR ON THE DRAWINGS.
7. FILL FLOOR BLOCKOUTS AFTER COMPLETION OF UTILITY HOOKUPS WITH CONCRETE. SLOPE TO DRAIN.



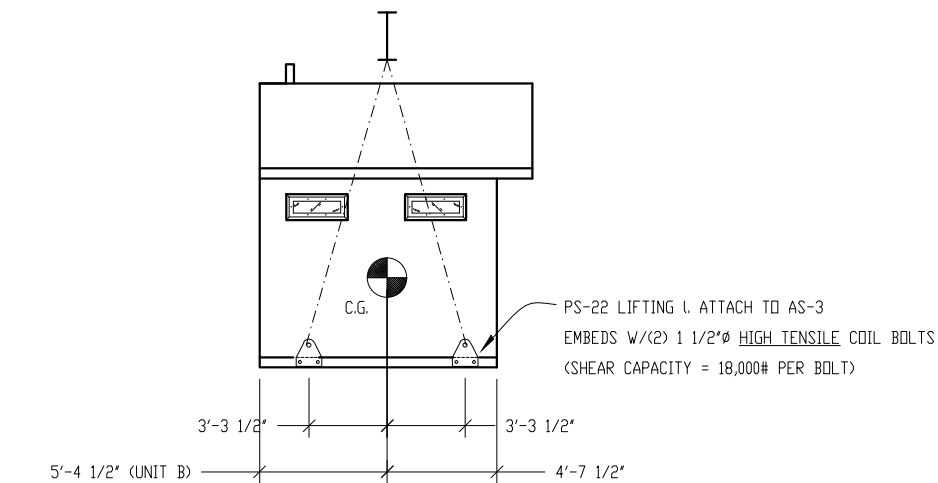
## CRANE LIFTING SCHEMATIC - UNITS A & B

NOTES:

1. C.G. IS APPROXIMATE.



## UNIT A



## UNIT B

### CRANE LIFTING SCHEMATIC - END VIEWS

# TAOS

## RECOMMENDED HANDLING AND INSTALLATION INSTRUCTIONS

[illegible]

CU. FT. CONC.	SQ. FT. W.W.F.
---------------	----------------

APPROXIMATE WEIGHT

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## Precast Products

901 N. Highway 77 Hillsboro, TX 76645

PROJECT TITLE
TAOS
BUILDING NUMBER TA-232

**NOTICE**

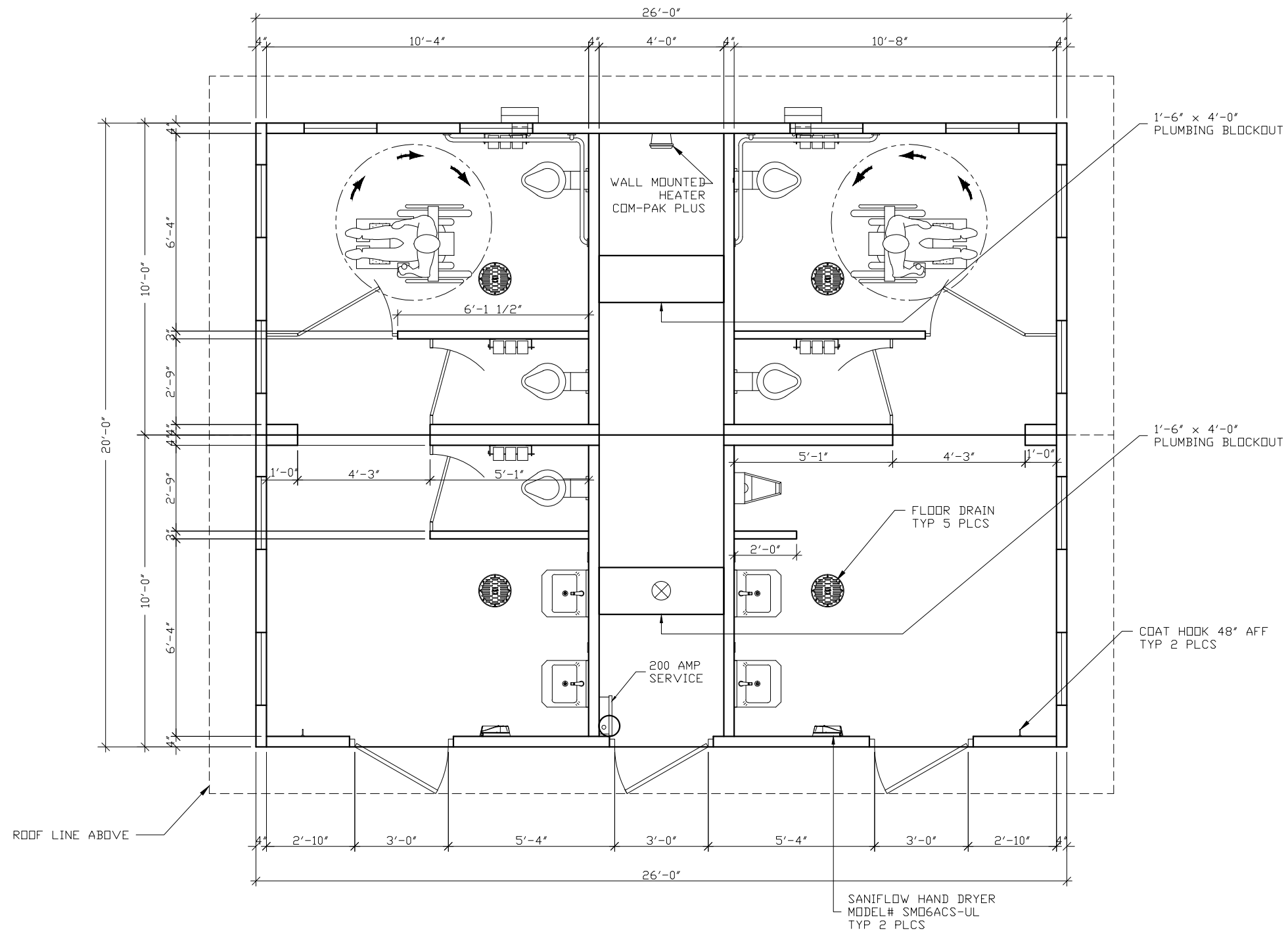
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CXT Incorporated			
REV.	DESCRIPTION	APPROVAL	DATE
SCALE	1/8"=1'-0"	DATE	01-14-16
DRAWN	DANA B	FILE NO.	TA-232
CHECKED	RDW	PLOT	96

## HANDLING INSTRUCTIONS

DWG NO.	SHEET	REV.
TA-02	2 / 34	

SHIPPING WEIGHTS AND DIMENSIONS TA-232				
SECTION	WEIGHT	LENGTH	WIDTH	HEIGHT
A (BACK)	76,000	26'-0"	11'-6"	12'-0"
B (FRONT)	74,300	26'-0"	11'-6"	12'-0"



NOTES: 1. SEE DRAWING TA-28 FOR SIZE AND LOCATION OF FLOOR BLOCKOUTS

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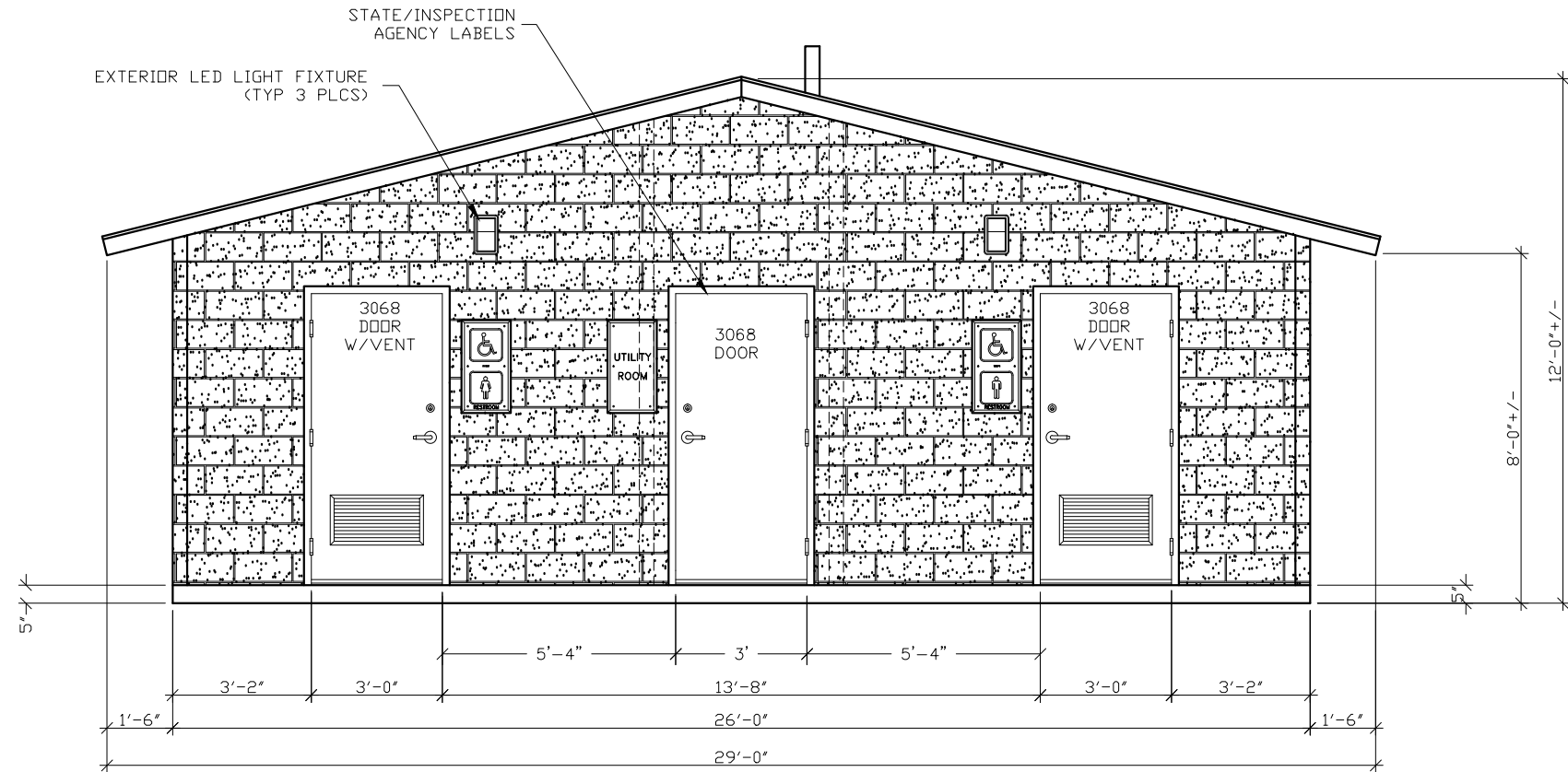
901 N. Highway 77 Hillsboro, TX 76645

PROJECT TITLE  
TAOS  
BUILDING NUMBER TA-232

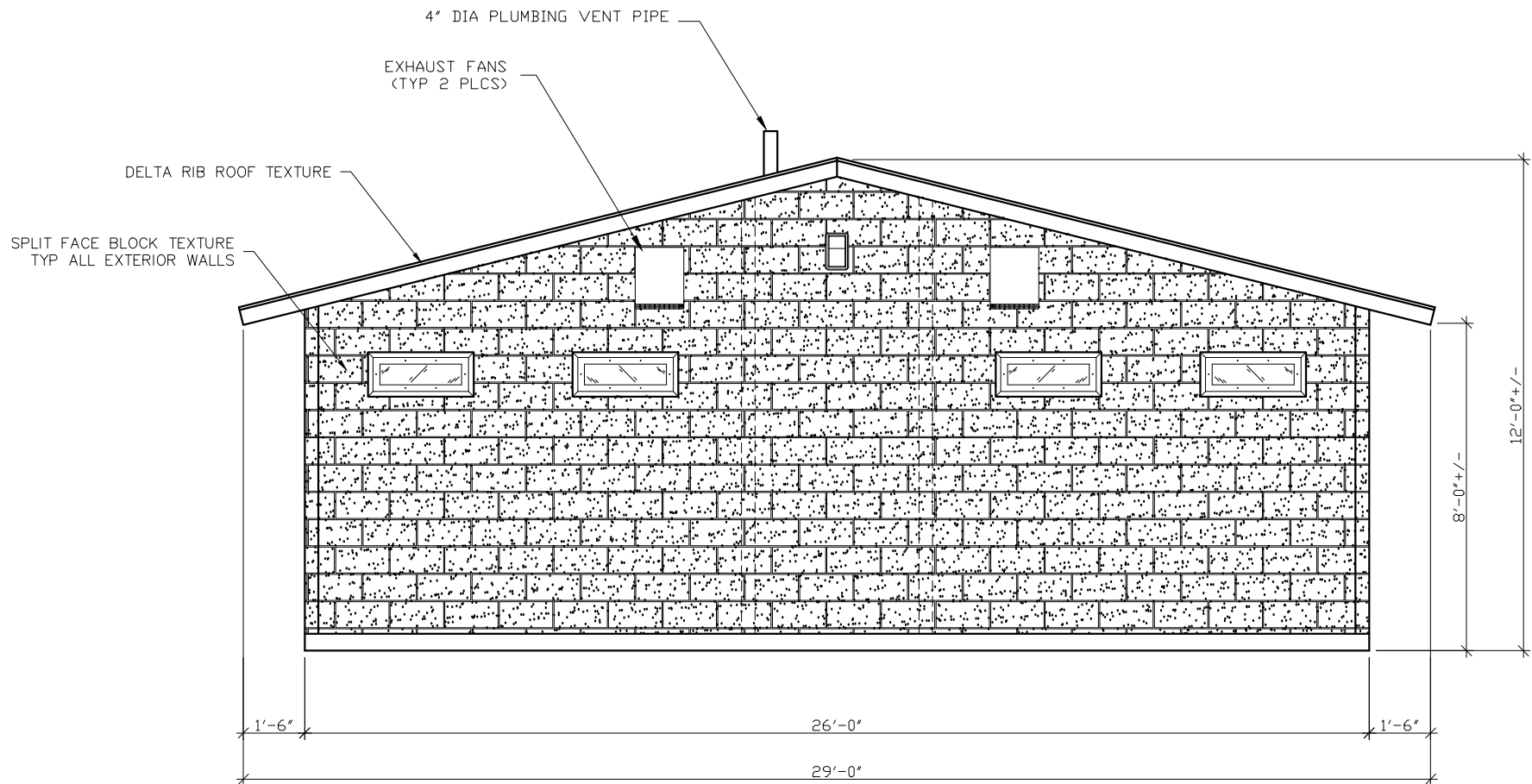
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CXT Incorporated			
REV.	DESCRIPTION	APPROVAL	DATE
SCALE	1/4"=1'-0"	DATE	01-14-16
DRAWN	DANA B	FILE NO.	TA-232
CHECKED	ROW	PLOT	48

FLOOR PLAN		
DWG NO.	SHEET	REV.
TA-03	3	34



FRONT ELEVATION



REAR ELEVATION

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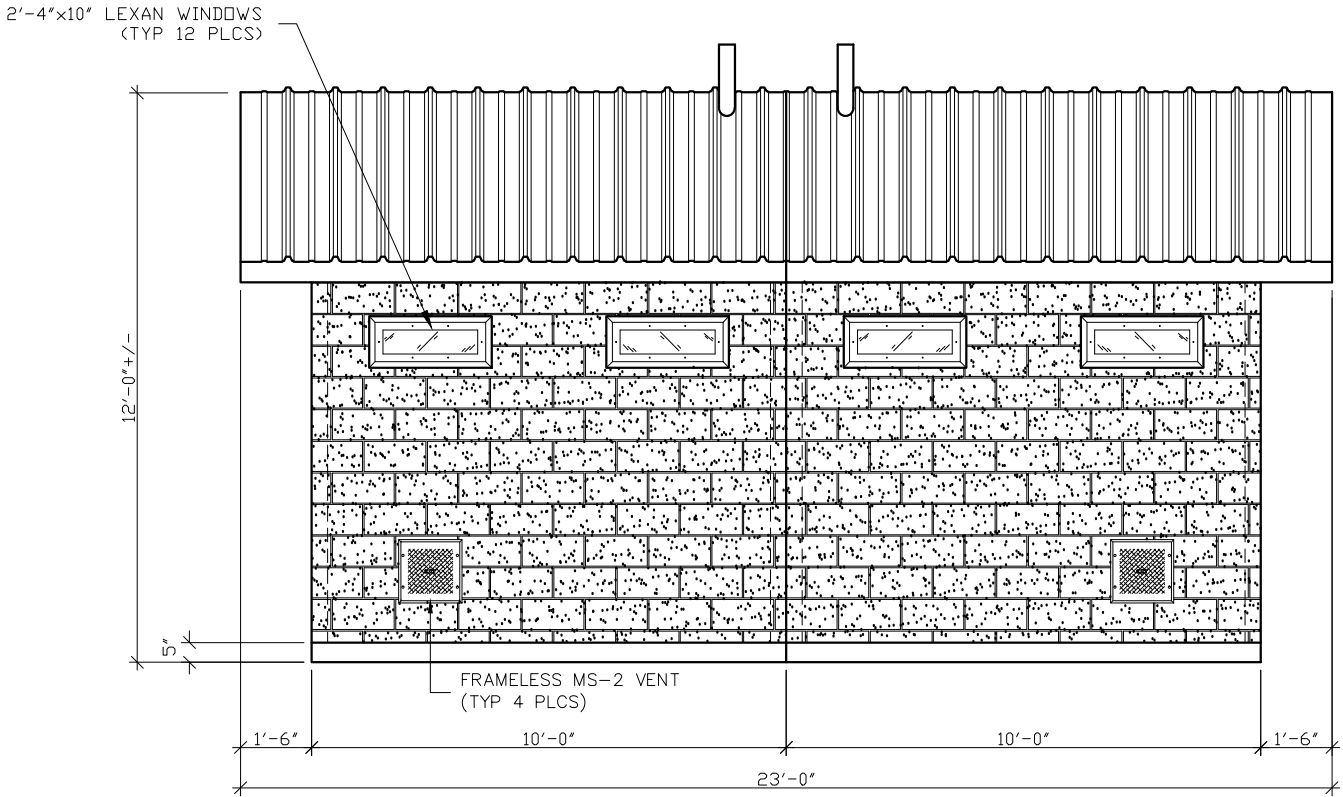
PROJECT TITLE  
TAOS  
BUILDING NUMBER TA-232

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CXT Incorporated

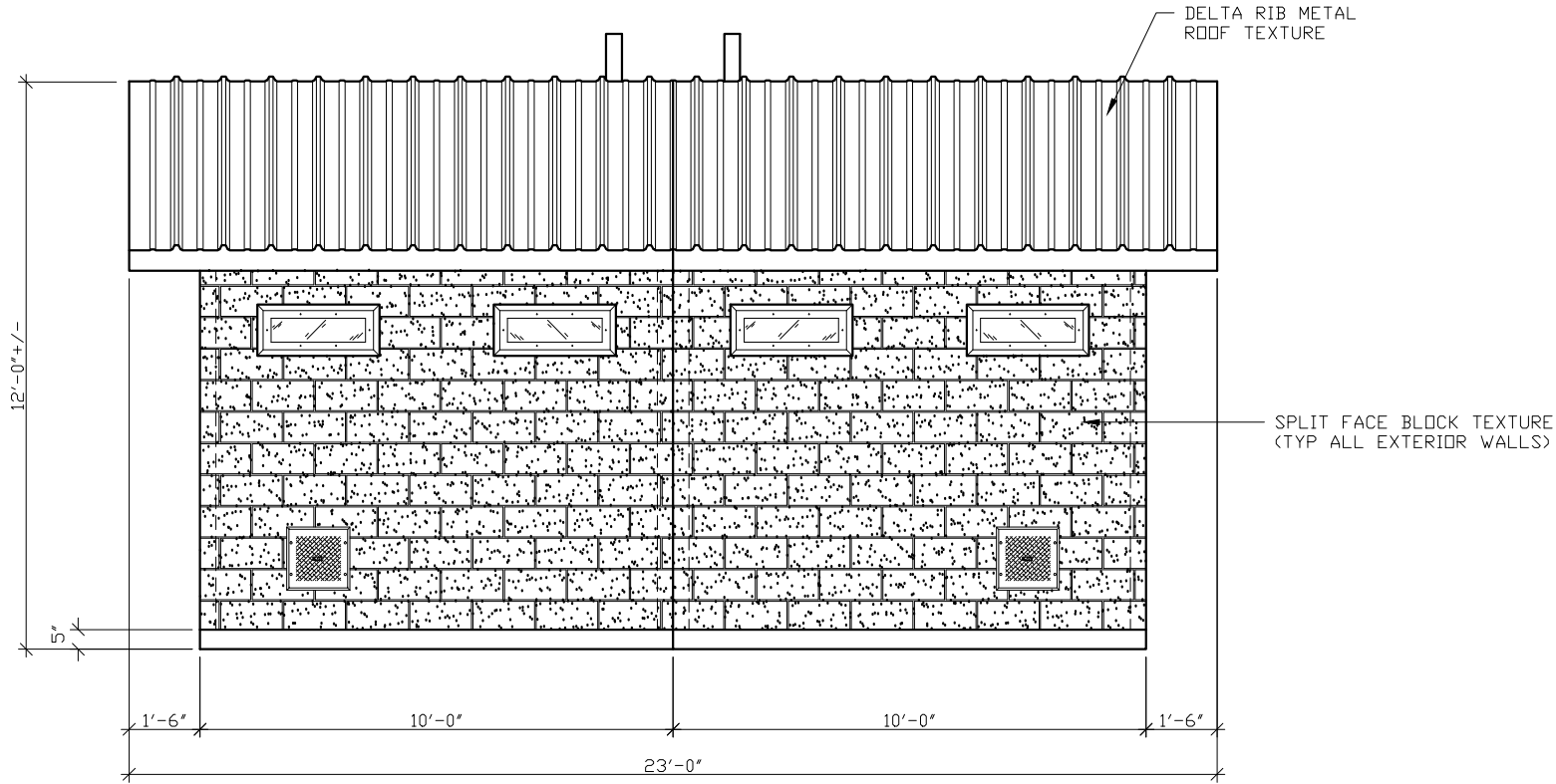
REV.	DESCRIPTION	APPROVAL	DATE
SCALE	1/4"=1'-0"	DATE	01-14-16
DRAWN	DANA B	FILE NO.	TA-232
CHECKED	ROW	PLOT	48

BUILDING ELEVATIONS

DWG NO.	SHEET	REV.
TA-04	4	
	34	



RH SIDE ELEVATION



LH SIDE ELEVATION

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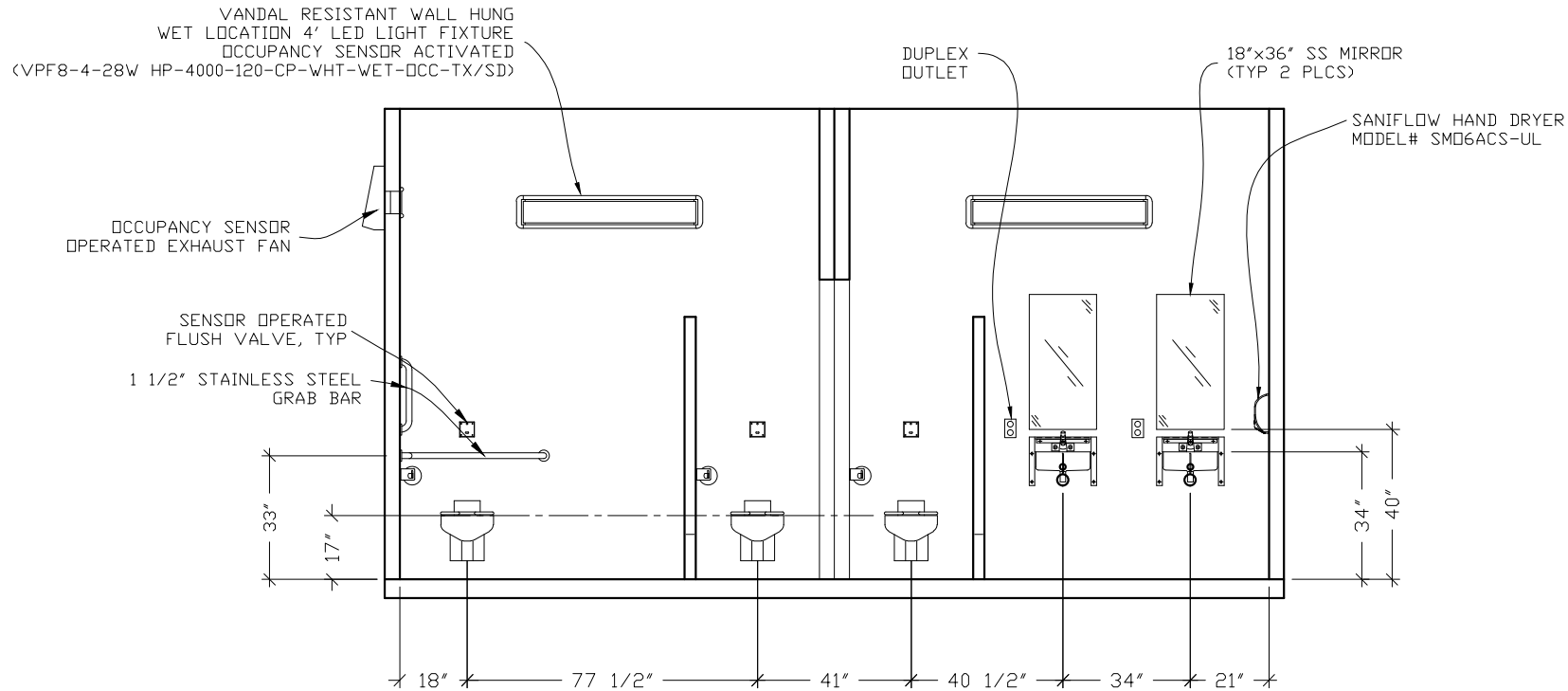
PROJECT TITLE  
TAOS  
BUILDING NUMBER TA-232

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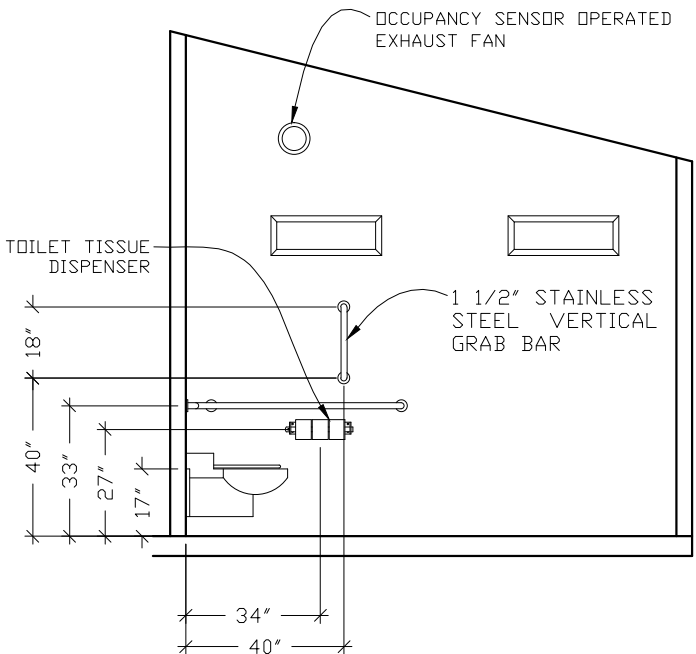
CXT Incorporated			
REV.	DESCRIPTION	APPROVAL	DATE
SCALE	1/4"=1'-0"	DATE	01-14-16
DRAWN	DANA B	FILE NO.	TA-232
CHECKED	RDW	PLOT	48

BUILDING ELEVATIONS

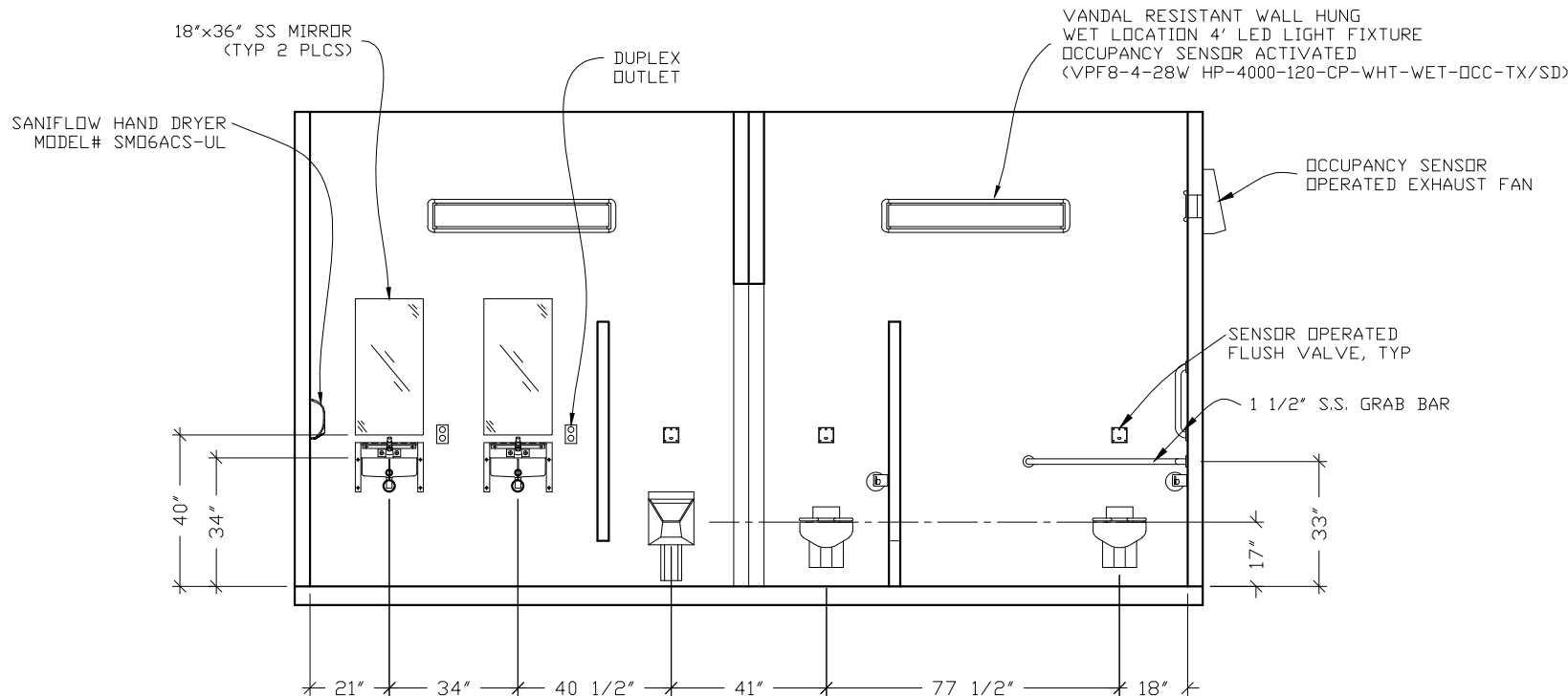
DWG NO.	SHEET	REV.
TA-05	5	
	34	



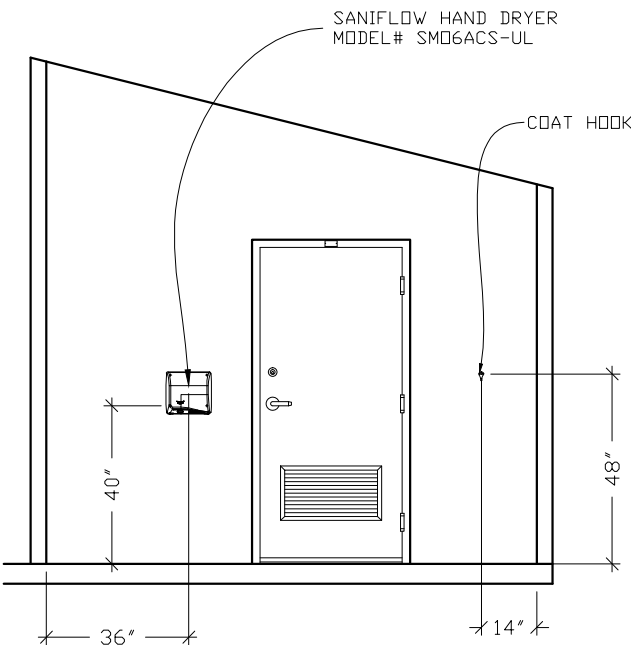
INTERIOR ELEVATION – WOMEN’S RESTROOM



INTERIOR ELEVATION – MEN’S RESTROOM



INTERIOR ELEVATION – MEN’S RESTROOM



INTERIOR ELEVATION – WOMEN’S RESTROOM  
MENS OPPOSITE HAND

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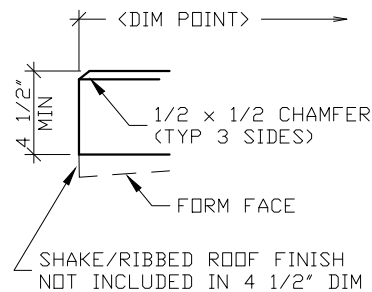
PROJECT TITLE  
TAOS  
BUILDING NUMBER TA-232

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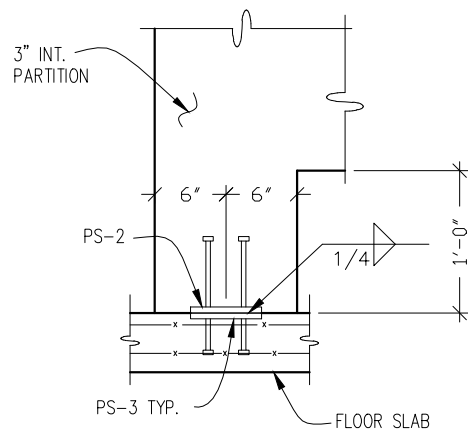
CXT Incorporated			
REV.	DESCRIPTION	APPROVAL	DATE
SCALE	1/4"=1'-0"	DATE	01-14-16
DRAWN	DANA B	FILE NO.	TA-232
CHECKED	ROW	PLOT	48

INTERIOR ELEVATIONS

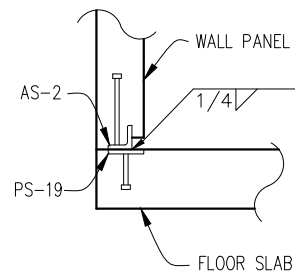
DWG NO.	SHEET	REV.
TA-06	6	
	34	



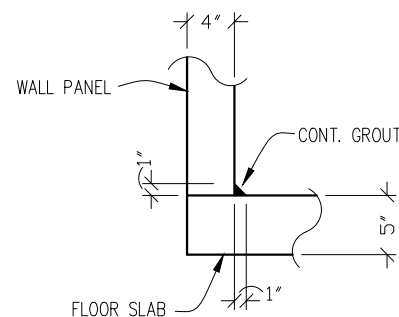
1 TYPICAL ROOF SLAB EDGE



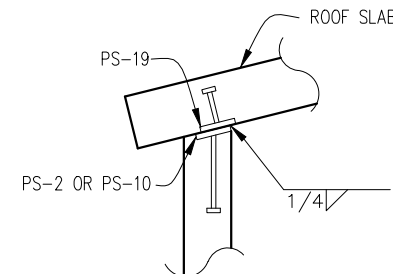
2 INT. PARTITION BASE CONNECTION



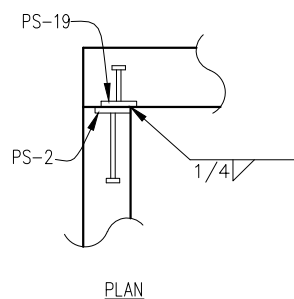
3 TYP. WALL TO FLOOR SLAB WELDED CONNECTION



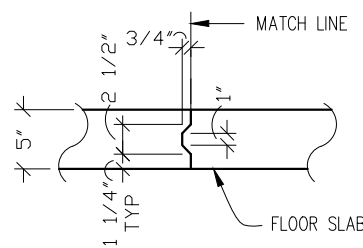
4 TYP. WALL TO FLOOR SLAB JOINT DETAIL



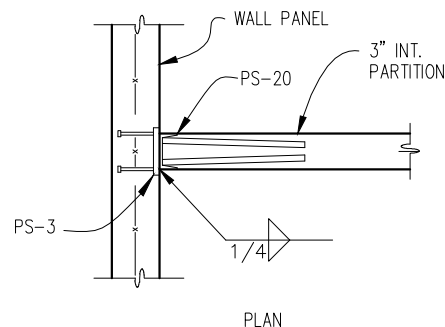
5 TYP. WALL TO ROOF SLAB WELDED CONNECTION



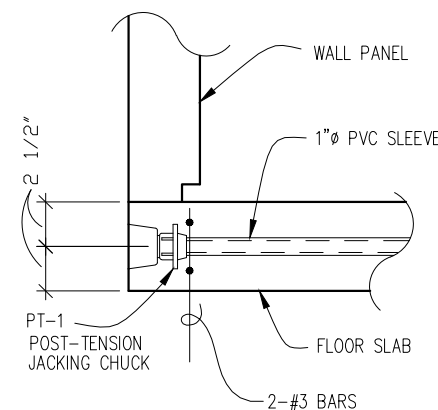
6 TYP. WALL TO WALL PANEL WELDED CONNECTION



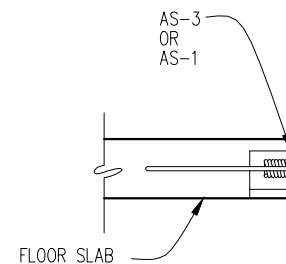
7 KEYED FLOOR & ROOF SLAB DETAIL



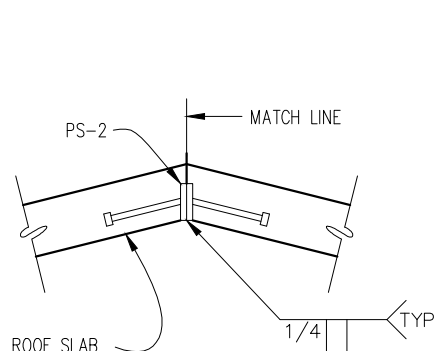
8 TYP. INTERIOR PARTITION TO WALL CONNECTION



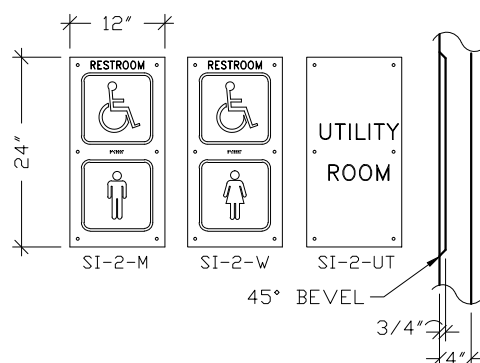
9 POST TENSION CABLE DETAIL



10 FLOOR LIFT PLATE DETAIL



11 ROOF PEAK WELDMENT DETAIL



12 SIGN SI-2 DETAIL

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**Precast Products**

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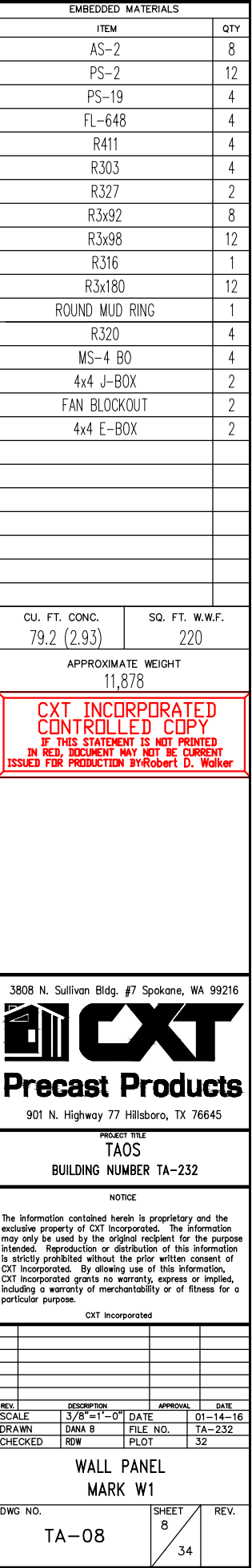
PROJECT TITLE  
TAOS  
BUILDING NUMBER TA-232

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REV.	DESCRIPTION	APPROVAL	DATE
SCALE	3/4"=1'-0"	DATE	01-14-16
DRAWN	DANA B	FILE NO.	TA-232
CHECKED	RDW	PLOT	16

DETAILS		
DWG NO.	SHEET	REV.
TA-07	7	34





EMBEDDED MATERIALS		QTY
ITEM		
AS-2		8
PS-2		12
PS-19		4
FL-648		4
R411		4
R303		4
R327		2
R3x92		8
R3x98		12
R316		1
R3x180		12
ROUND MUD RING		1
R320		4
MS-4 B0		4
4x4 J-BOX		2
FAN BLOCKOUT		2
4x4 E-BOX		2
CU. FT. CONC.	SQ. FT. W.W.F.	
79.2 (2,93)	220	
APPROXIMATE WEIGHT		
11,878		
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901 N. Highway 77 Hillsboro, TX 76645

PROJECT TITLE  
TAOS  
BUILDING NUMBER TA-232

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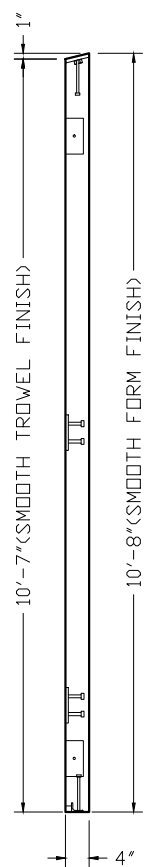
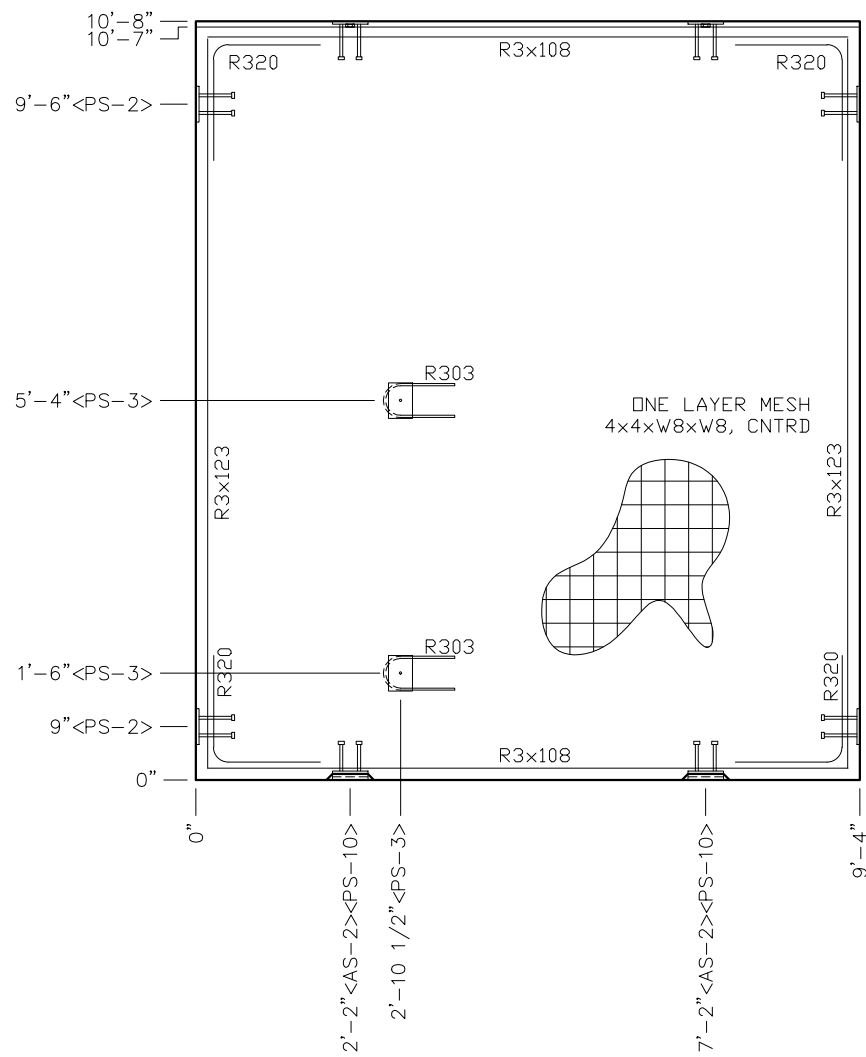
CXT Incorporated			
REV.	DESCRIPTION	APPROVAL	DATE
SCALE	$3/8"=1'-0"$	DATE	01-14-16
DRAWN	DANA B	FILE NO.	TA-232
CHECKED	RDW	PLOT	32

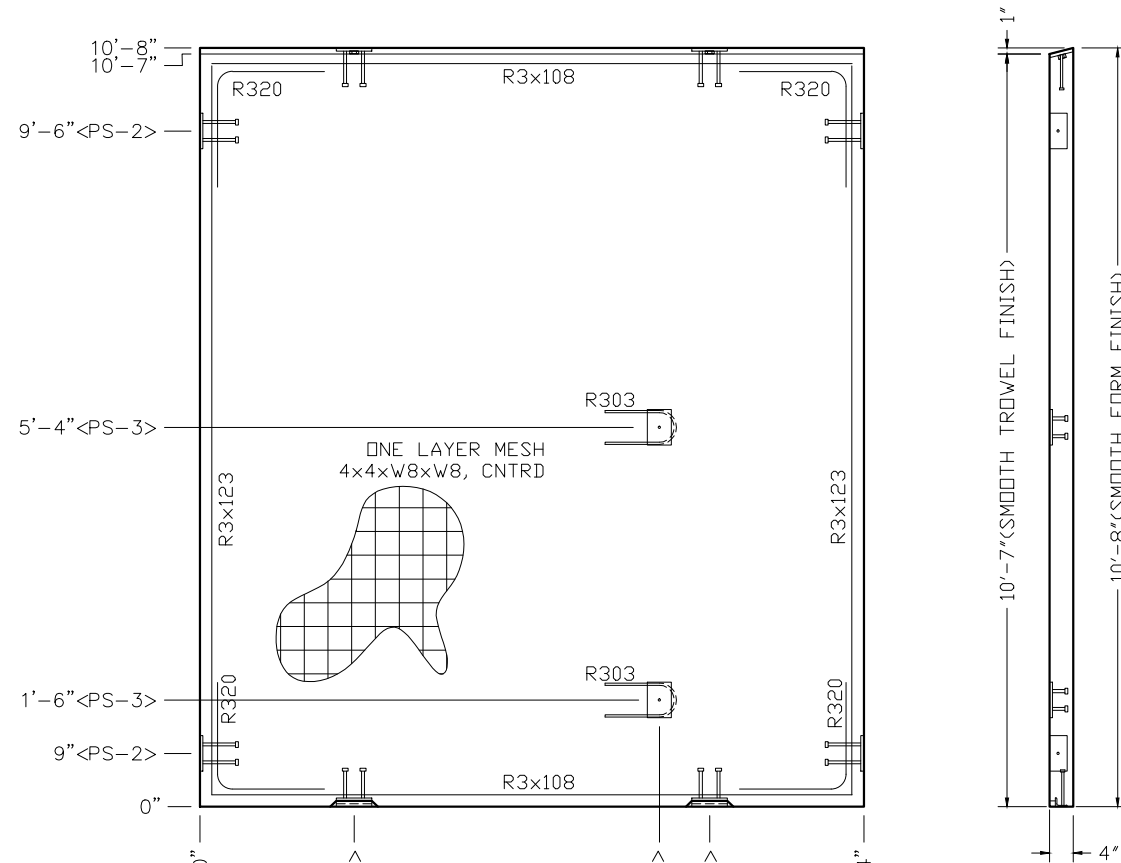
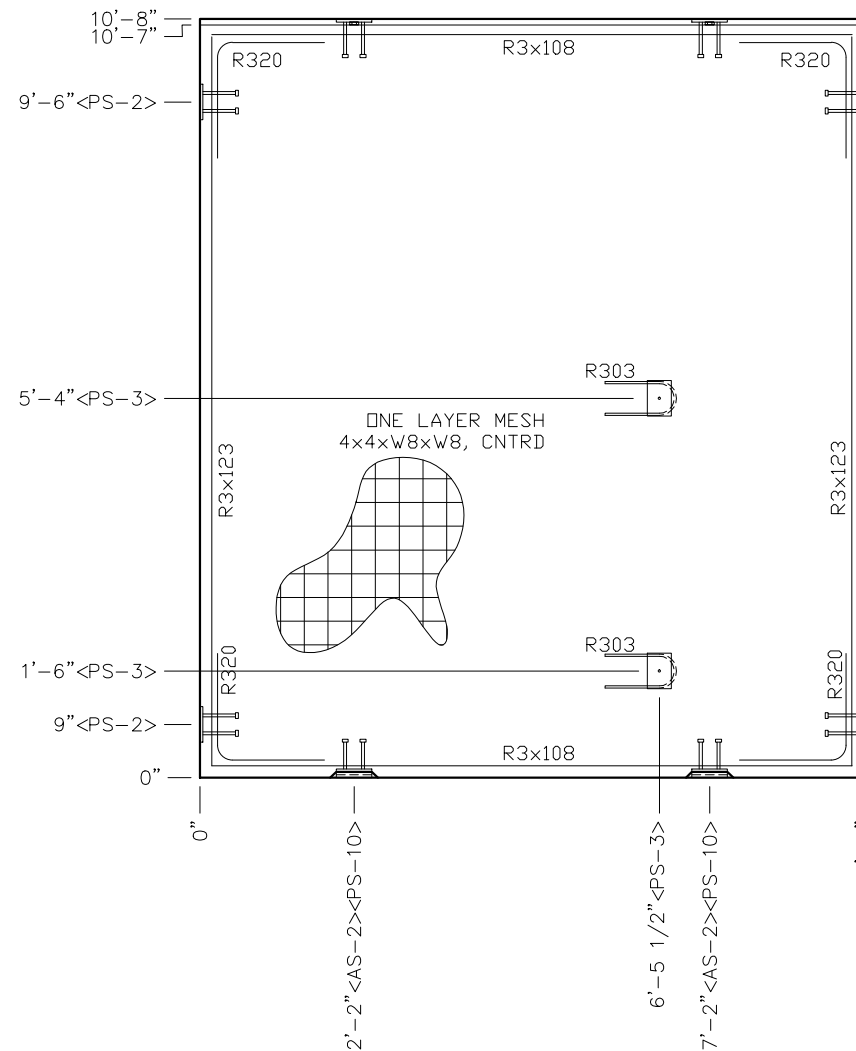
WALL PANEL MARK W1		
DWG NO.  TA-08	SHEET 8 34	REV.








[illegible]



NOTES:

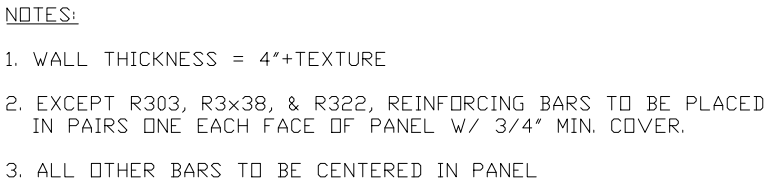
1. WALL THICKNESS = 4"
2. EXCEPT R303, REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER ALL OTHER BARS TO BE CENTERED IN PANEL


EMBEDDED MATERIALS			
ITEM			QTY
AS-2			6
PS-2			10
PS-19			4
FL-648			4
R411			4
R303			4
R327			2
R3x92			8
R3x180			4
R3x61			4
R316			1
R320			8
R3x98			8
BLOCKOUT 8" SQ.			2
CU. FT. CONC.			SQ. FT. W.W.F.
52.3 (1.94)			240
APPROXIMATE WEIGHT			
7,846			
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<b>Precast Products</b>			
901 N. Highway 77 Hillsboro, TX 76645			
PROJECT TITLE			
TAOS			
BUILDING NUMBER TA-232			
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CXT Incorporated			
REV.	DESCRIPTION	APPROVAL	DATE
SCALE	3/8"=1'-0"	DATE	01-14-16
DRAWN	DANA B	FILE NO.	TA-232
CHECKED	RDW	PLOT	32
WALL PANEL			
MARK W6			
DWG NO.	SHEET		REV.
TA-13	13		
	34		

[illegible]

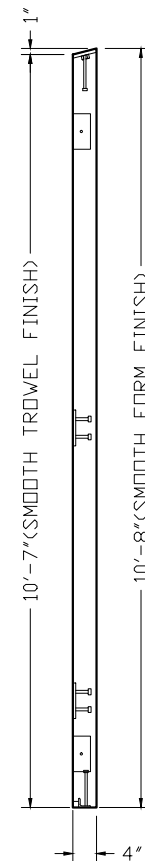






EMBEDDED MATERIALS					
ITEM				QTY	
AS-2				3	
PS-10				2	
PS-19				4	
R303				4	
PS-2				1	
R3x116				8	
R3x92				12	
R320				8	
MS-2 B0				1	
MS-4 B0				2	
R322				2	
R3x38				2	
CU. FT. CONC.		SQ. FT. W.W.F.			
24.7 (0.92)		75			
APPROXIMATE WEIGHT 3,707					
<div style="text-align: center;"><b>CXT INCORPORATED CONTROLLED COPY</b> <small>IF THIS STATEMENT IS NOT PRINTED IN RED, DOCUMENT MAY NOT BE CURRENT ISSUED FOR PRODUCTION BY Robert D. Walker</small></div>					
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<div><b>CXT</b></div> <div><b>Precast Products</b></div> <div>901 N. Highway 77 Hillsboro, TX 76645</div>					
PROJECT TITLE					
TAOS					
BUILDING NUMBER TA-232					
NOTICE					
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CXT Incorporated					
REV.	DESCRIPTION		APPROVAL		DATE
SCALE	3/8"=1'-0"		DATE	01-1416	
DRAWN	DANA B		FILE NO.	TA-232	
CHECKED	RDW		PLOT	32	
<div><div>WALL PANEL</div><div>MARK W9</div></div>					
DWG. NO. TA-16			SHEET 16 34	REV.	





2. EXCEPT R303, REINFORCING BARS TO BE PLACED IN PAIRS  
ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER

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## Precast Products

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PROJECT TITLE  
TAOS  
BUILDING NUMBER TA-232

**NOTICE**

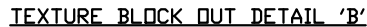
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REV.	DESCRIPTION	APPROVAL	DATE
SCALE	3/8"=1'-0"	DATE	01-14-16
DRAWN	DANA B	FILE NO.	TA-232
CHECKED	RDW	PLOT	32

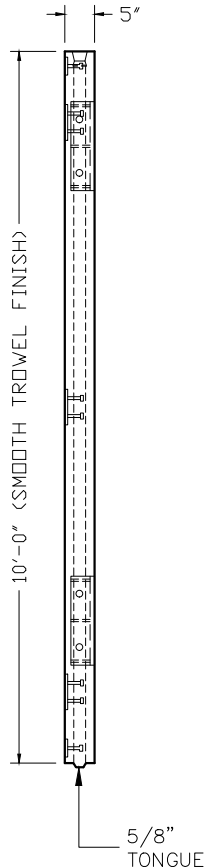
WALL PANEL  
MARK W11

DWG NO.	SHEET	REV.
TA-18	18	
	34	

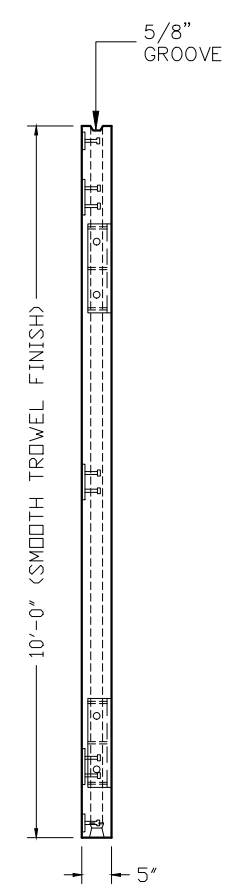


- NOTES:
1. WALL THICKNESS = 4"
  2. EXCEPT R303, R411, R327 & R316, REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER  
ALL OTHER BARS TO BE CENTERED IN PANEL

EMBEDDED MATERIALS			
ITEM			QTY
AS-2			6
PS-2			10
PS-19			4
FL-648			4
R411			4
R303			4
R327			2
R3x92			4
R3x98			12
R316			1
R3x180			4
40 1/8" x 82 1/4" BO			3
R320			16
SI-2 BLOCKOUT			3
4x4 J-BOX			6
ROUND MUD RING			2
R3x56			4
RECT MUD RING			4
CU. FT. CONC.		SQ. FT. W.W.F.	
58.0 (2.15)		200	
APPROXIMATE WEIGHT			
8,702			
<div style="border: 2px solid red; padding: 5px; text-align: center;"> <b>CXT INCORPORATED</b>  <b>CONTROLLED COPY</b>  <small>IF THIS STATEMENT IS NOT PRINTED  IN RED, DOCUMENT MAY NOT BE CURRENT  ISSUED FOR PRODUCTION BY Robert D. Walker</small> </div>			
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PROJECT TITLE			
TAOS			
BUILDING NUMBER TA-232			
NOTICE			
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CXT Incorporated			
REV.	DESCRIPTION	APPROVAL	DATE
SCALE	3/8"=1'-0"	DATE	01-14-16
DRAWN	DANA B	FILE NO.	TA-232
CHECKED	RDW	PLOT	32
WALL PANEL			
MARK W12			
DWG. NO.	SHEET		REV.
TA-19	19		
	34		



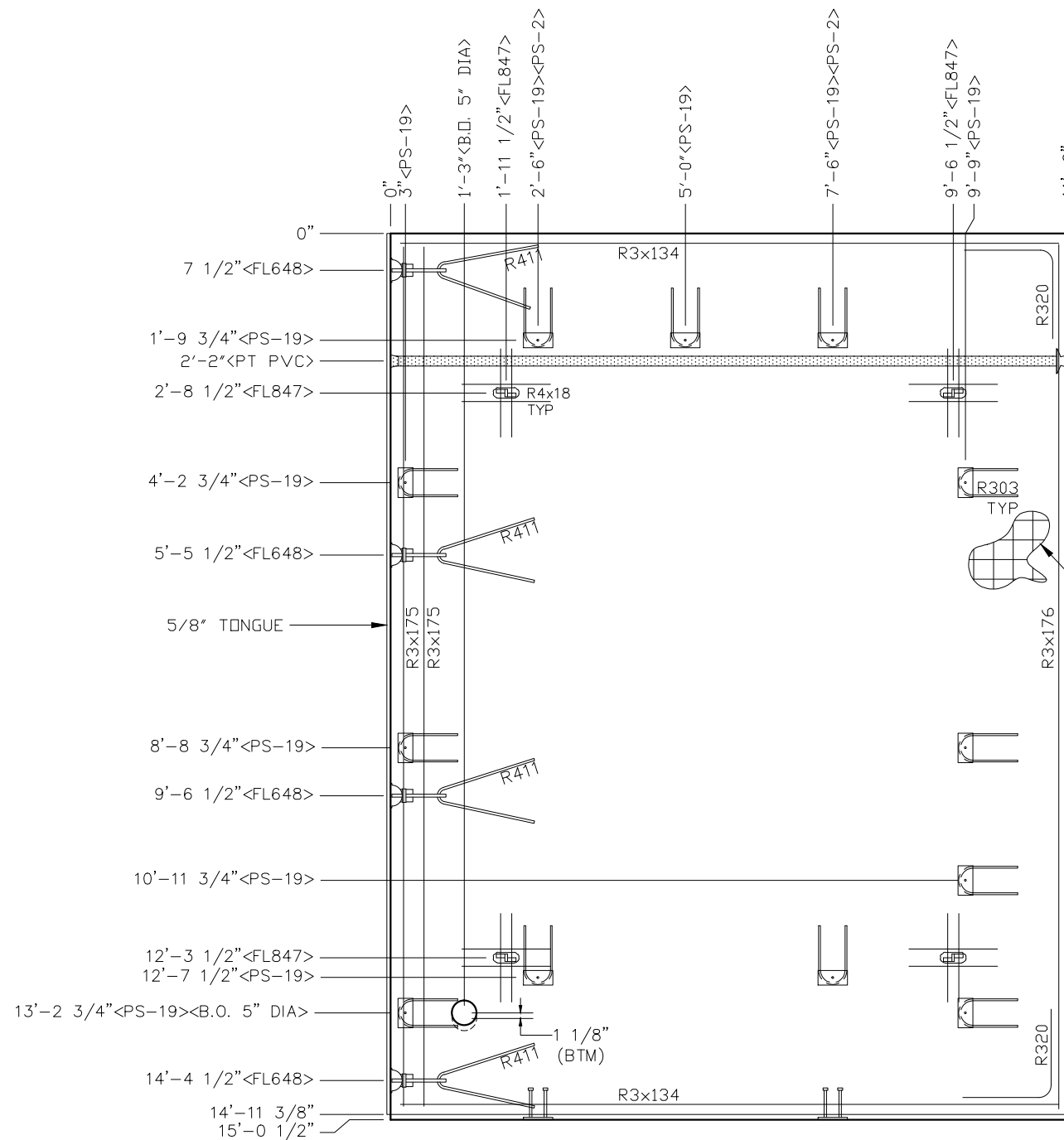
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## FLOOR DRAIN BLOCKOUT DETAIL

1. FLOOR THICKNESS = 5"
2. EXCEPT R303, R3x65, R3x116 & R4x112, REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL WITH 1" MIN. COVER @ TOP & 1 1/4" COVER @ BOT.
3. R4x112 TO BE PLACED IN BOTTOM OF PANEL WITH 1 1/4" COVER
4. ALL OTHER BARS TO BE CENTERED IN PANEL

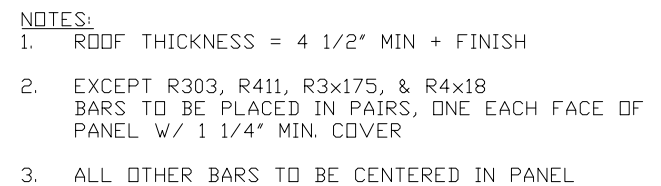
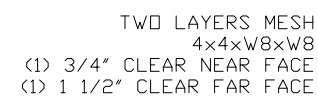
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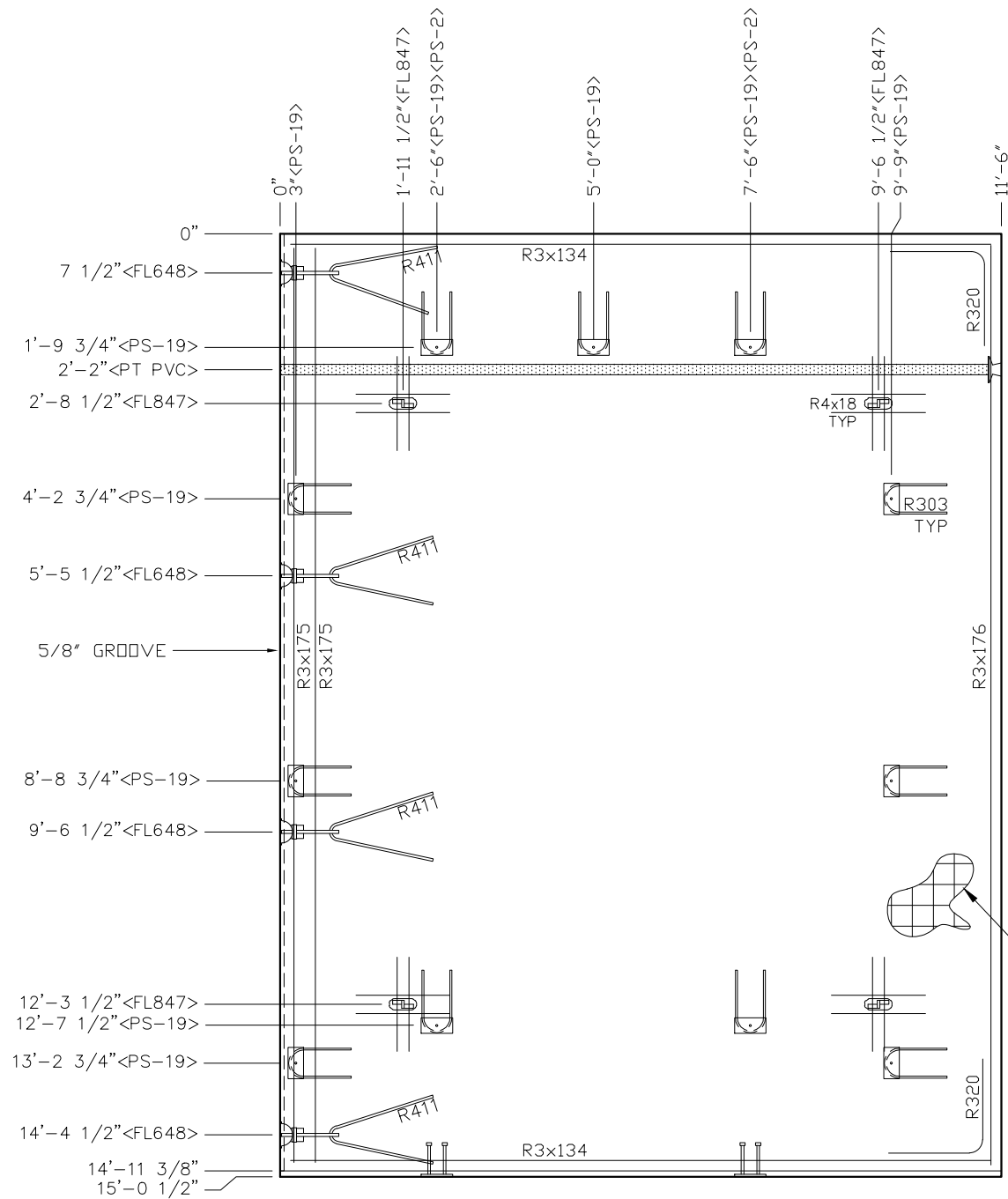
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EMBEDDED MATERIALS			
ITEM			QTY
PS-19			11
FL-847			4
FL-648			4
R411			4
R303			11
R3x134			4
R3x175			2
R3x176			2
R320			4
PS-2			2
R4x18			16
PT CHUCK			1
1" PVC SCHD40 x11'-3"			1
BLOCKOUT 5" DIA			1
CU. FT. CONC.		SQ. FT. W.W.F.	
67.6 (2.50)		344	
APPROXIMATE WEIGHT			
10,140			
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PROJECT TITLE			
TAOS			
BUILDING NUMBER TA-232			
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SCALE	3/8"=1'-0"	DATE	01-14-16
DRAWN	DANA B	FILE NO.	TA-232
CHECKED	RDW	PLOT	32
ROOF SLAB			
MARK R2-R			
DWG NO.	SHEET		REV.
TA-24	24		
	34		



NOTES:

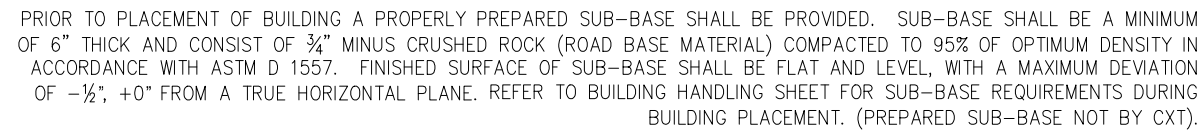
1. ROOF THICKNESS = 4 1/2" MIN + FINISH
2. EXCEPT R303, R411, R3x175, & R4x18  
BARS TO BE PLACED IN PAIRS, ONE EACH FACE OF  
PANEL W/ 1 1/4" MIN. COVER
3. ALL OTHER BARS TO BE CENTERED IN PANEL

[illegible]



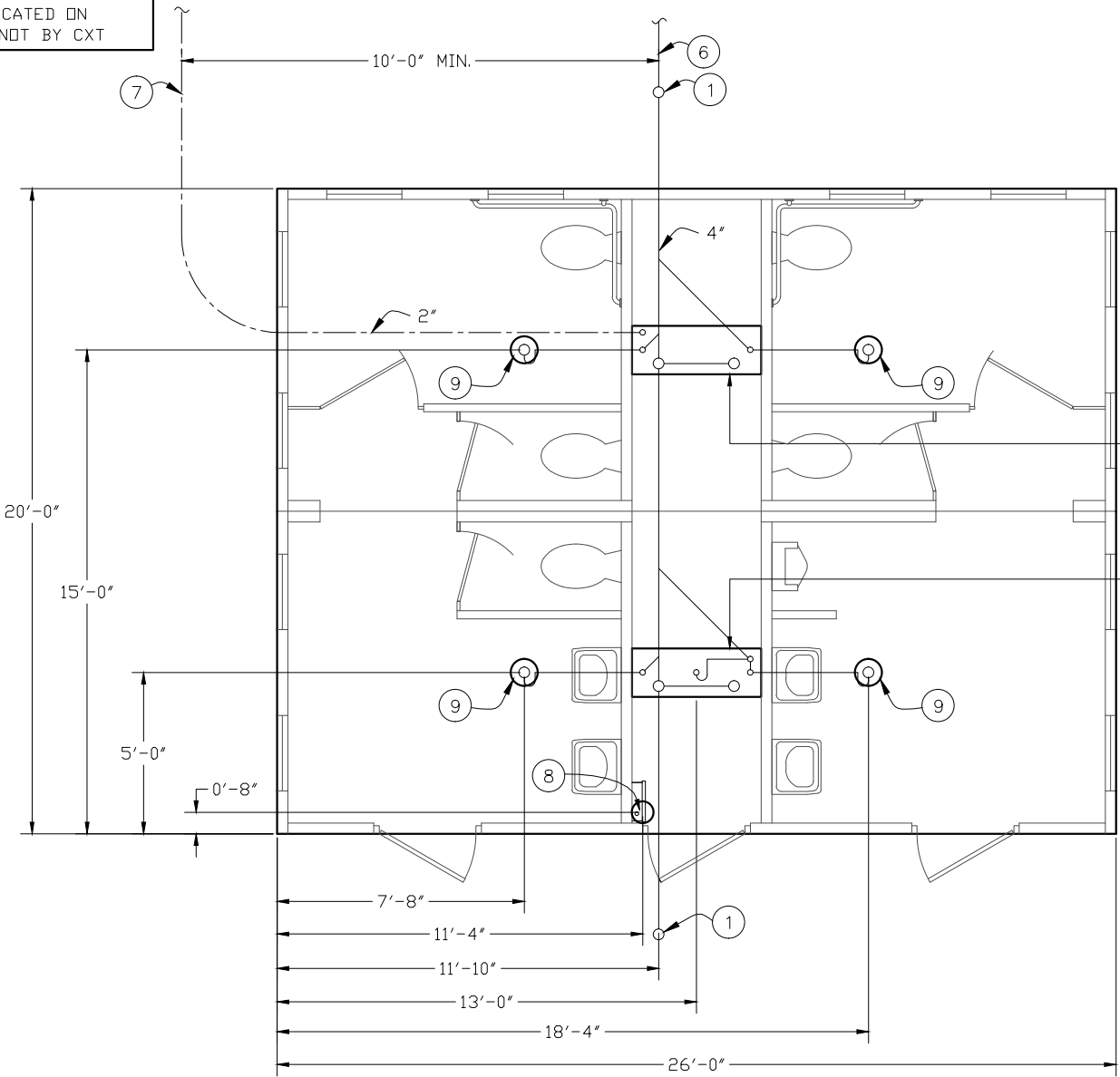
THIS FACTORY ASSEMBLED BUILDING AS CONSTRUCTED PROVIDES A RIGID BOX TYPE STRUCTURAL SYSTEM. VERTICAL LOADS ARE TRANSFERRED PRIMARILY THROUGH BEARING WALLS TO A PREPARED GRANULAR SUB-BASE WHICH DISSIPATES VERTICAL LOADS UNIFORMLY TO THE NATIVE SUBGRADE AND ALSO ACTS AS A FROST BARRIER. DUE TO THE INHERENT STIFFNESS OF THE BUILDING, IT WILL REMAIN SAFE AND STRUCTURALLY SOUND IN THE UNLIKELY EVENT OF FREEZING ACTION BELOW THE BUILDING.

THIS BUILDING, AS DESIGNED, RESTING ON A PROPERLY PREPARED GRANULAR SUB-BASE WILL BE SAFE AND STRUCTURALLY SOUND FOR VERTICAL AND LATERAL LOADS AS DISCUSSED ABOVE. A FULL DEPTH FOUNDATION WALL AT THE BUILDING PERIMETER, TYPICAL FOR OTHER TYPES OF BUILDING CONSTRUCTION, IS NOT REQUIRED FOR THIS BUILDING.



DWG NO.	SHEET	REV.
TA-27	27	
	34	

ALL PIPING INDICATED ON  
THIS SHEET IS NOT BY CXT



FLOOR DRAIN BLOCKOUTS & BELOW FLOOR PIPING

BELOW FLOOR PIPING - KEY NOTES

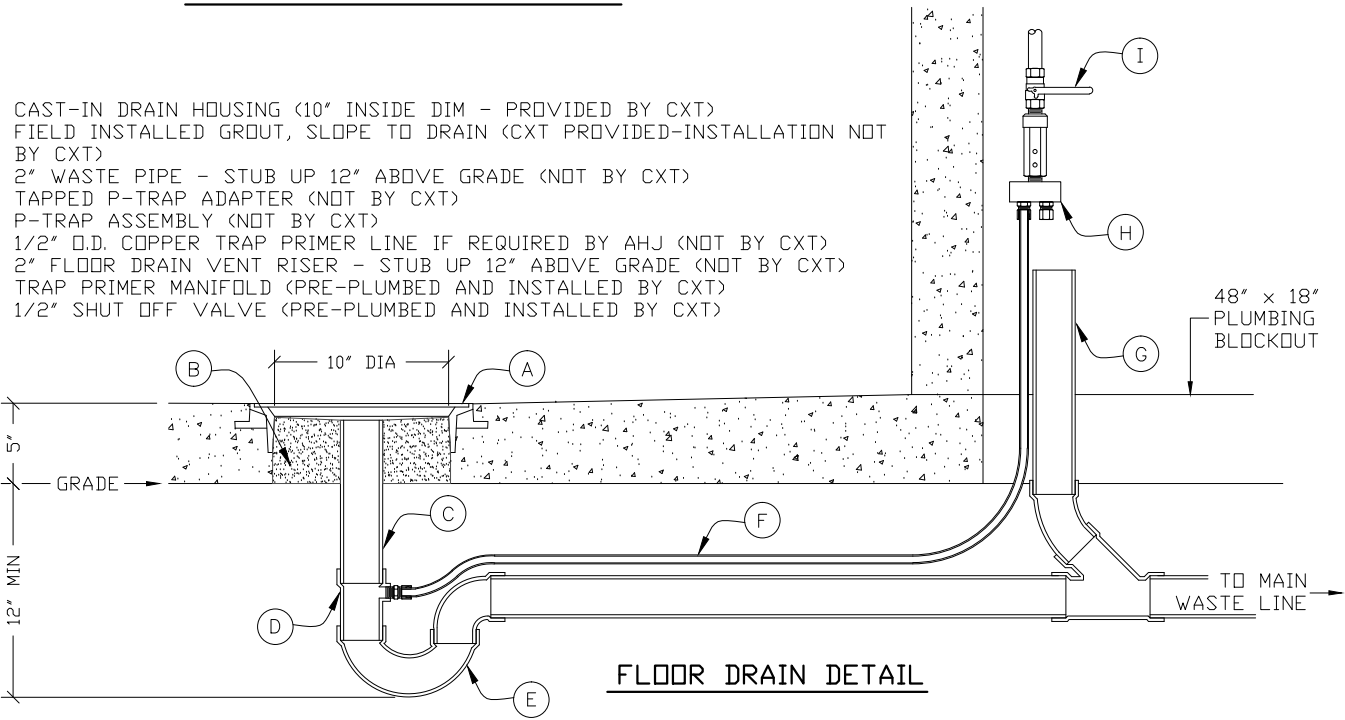
- 4" CLEAN OUT TO GRADE.
- 2" FLOOR DRAIN. FIELD INSTALLED TRAP PRIMER SYSTEM IF REQUIRED BY AUTHORITY HAVING JURISDICTION. (1'-6"x4'0" BLOCKOUT)
- 2" VENT PIPES EXTENDED 12" ABOVE FINISHED FLOOR LEVEL, PROVIDE TEST PLUG. (1'-6"x4'0" BLOCKOUT)
- 4" WASTE PIPE EXTENDED 12" ABOVE FINISHED FLOOR LEVEL, PROVIDE TEST PLUG. (1'-6"x4'0" BLOCKOUT)
- 2" TYPE K ANNEALED "SOFT" COPPER WATER SERVICE EXTENDED 12" ABOVE FINISHED FLOOR LEVEL, PROVIDE CAP AT END. (1'-6"x4'0" BLOCKOUT)
- 30" MIN. BURY, PROVIDE TRACER TAPE.
- MIN. BURY PER LOCAL REQUIREMENTS TO PROTECT AGAINST FREEZING AND DAMAGE.
- ELECTRICAL STUB UP, (8" DIA BLOCKOUT)
- 2" FLOOR DRAIN. FIELD INSTALLED TRAP PRIMER SYSTEM IF REQUIRED BY AUTHORITY HAVING JURISDICTION. (10" DIA BLOCKOUT)

PIPING LEGEND

- 2" TYPE "K" ANNEALED "SOFT" COPPER WATER SERVICE
- BELOW FLOOR WASTE PIPING SCH 40 ABS TYPE DWV
- BELOW FLOOR VENT PIPING SCH 40 ABS TYPE DWV

FLOOR DRAIN DETAIL NOTES

- A. CAST-IN DRAIN HOUSING (10" INSIDE DIM - PROVIDED BY CXT)
- B. FIELD INSTALLED GROUT, SLOPE TO DRAIN (CXT PROVIDED-INSTALLATION NOT BY CXT)
- C. 2" WASTE PIPE - STUB UP 12" ABOVE GRADE (NOT BY CXT)
- D. TAPPED P-TRAP ADAPTER (NOT BY CXT)
- E. P-TRAP ASSEMBLY (NOT BY CXT)
- F. 1/2" O.D. COPPER TRAP PRIMER LINE IF REQUIRED BY AHJ (NOT BY CXT)
- G. 2" FLOOR DRAIN VENT RISER - STUB UP 12" ABOVE GRADE (NOT BY CXT)
- H. TRAP PRIMER MANIFOLD (PRE-PLUMBED AND INSTALLED BY CXT)
- I. 1/2" SHUT OFF VALVE (PRE-PLUMBED AND INSTALLED BY CXT)



FLOOR DRAIN DETAIL

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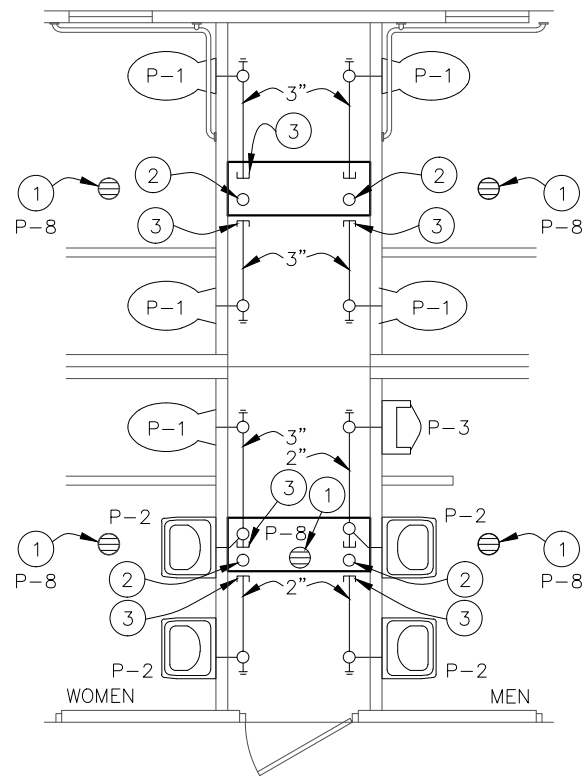
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TAOS  
BUILDING NUMBER TA-232

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REV.	DESCRIPTION	APPROVAL	DATE
SCALE	3/16"=1'-0"	DATE	01-14-16
DRAWN	dana b	FILE NO.	TA-232
CHECKED	RDW	PLOT	64

FLOOR DRAIN LOCATION &  
BELOW FLOOR PIPING

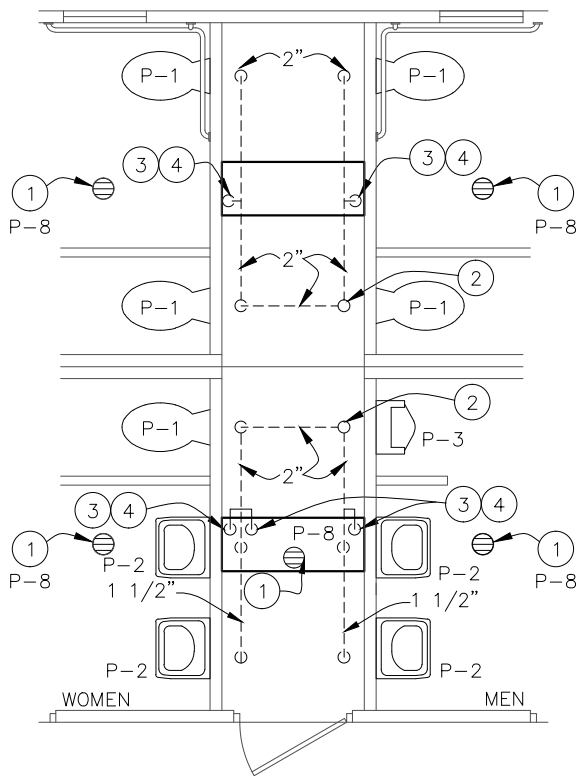
DWG NO.	SHEET	REV.
TA-28	28	34



WASTE PIPING

WASTE PIPING - KEY NOTES

1. 4" FLOOR DRAIN, FIELD INSTALLED (NOT BY CXT)
2. 4" WASTE THROUGH FLOOR, FIELD INSTALLED (NOT BY CXT)
3. PROVIDE TEST PLUG IN END OF WASTE PIPE. CONTINUATION OF PIPING IS FIELD INSTALLED & NOT BY CXT.



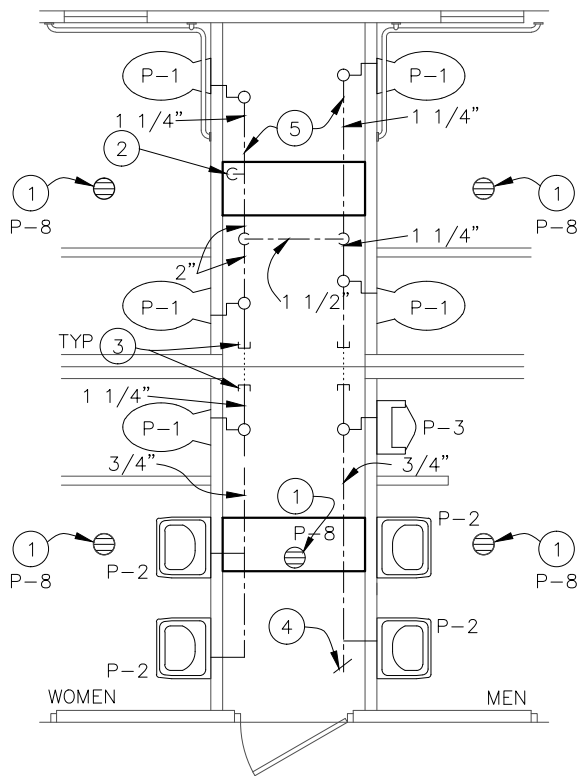
VENT PIPING

VENT PIPING - KEY NOTES

1. 4" FLOOR DRAIN, FIELD INSTALLED (NOT BY CXT)
2. 4" VENT THROUGH ROOF.
3. 2" VENT WITH TEST PLUG.
4. FIELD INSTALLED 2" VENT PIPING FROM FLOOR DRAINS. (NOT BY CXT)

PIPING LEGEND

- |  |   |
|--|---|
| — — — — COLD WATER                         | — — — — WASTE PIPE:<br>ABS, ASTM D2661, SCHED. 40 |
| — — — — HOT WATER                          |   |
| — — — — VENT PIPING<br>SCH 40 ABS TYPE DWV | — — — — FIELD PIPING (NOT BY CXT)                 |



WATER PIPING

WATER PIPING - KEY NOTES

1. 4" FLOOR DRAIN, FIELD INSTALLED (NOT BY CXT)
2. FIELD INSTALLED 2" WATER SUPPLY WITH SHUT-OFF VALVE NEAR FLOOR. (NOT BY CXT)
3. 1 1/2" CAPPED CW LINE. CONNECTION BETWEEN SIDES IS TO BE FIELD INSTALLED. (NOT BY CXT)
4. 3/4" HOSE BIBB WITH VACUUM BREAKER AND WHEEL HANDLE.
5. WATER PIPING ALONG WALL, SEE DIAGRAM ON TA-30.

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PROJECT TITLE  
**TAOS**  
BUILDING NUMBER TA-232

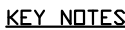
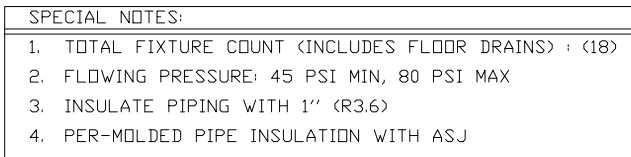
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DRAWN	DANA B	FILE NO.	TA-232
CHECKED	RDW	PLOT	64

PLUMBING PLAN

DWG NO.	SHEET	REV.
TA-29	29	34



[illegible]

NOTES:

1. OFFSET FLUSH VALVE TAILPIECE PER ADA, RIGHT OR LEFT HAND, AS REQUIRED. PROVIDE FLUSH VALVE FOR 4" WALL THICKNESS.
2. MOUNT RIM OF P-1 & P-3 AT 17" ABOVE FLOOR.
3. HAMMER ARRESTOR JRS520-T-C, FLOOR DRAIN S2005A025NBLP, TRAP PRIMER- MIFAB MM500, DISTR UNIT- MIFAB
4. 1/2X15 COMP ANG LAV BSCR1915AC.
5. LEONARD MIX VL 20300
6. NOT USED.
7. TRAP PRIMER- MIFAB MM500, DISTR UNIT- MIFAB 8

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PROJECT TITLE

TAOS

BUILDING NUMBER TA-232

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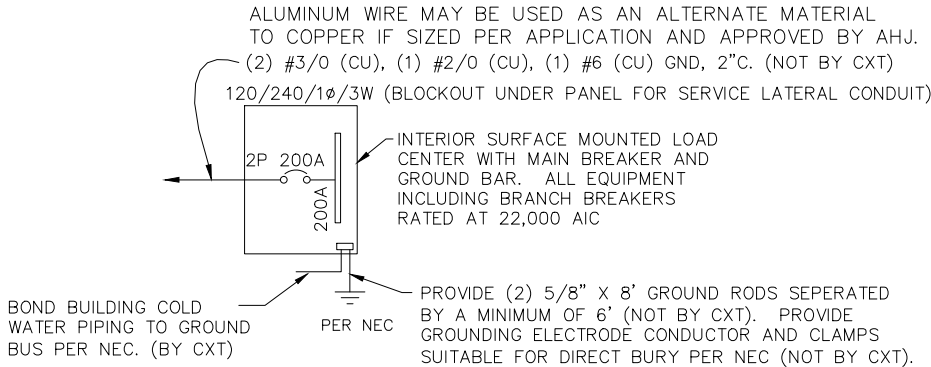
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REV.	DESCRIPTION	APPROVAL	DATE
SCALE	$\frac{3}{16}'' = 1' - 0''$	DATE	01-14-16
DRAWN	DANA B	FILE NO.	TA-232
CHECKED	RDW	PLOT	64

## PLUMBING DETAILS DIAGRAMS & SCHEDULE

DWG NO.	SHEET	REV.
TA-30	30	
	34	



ONE-LINE POWER DIAGRAM

NTS

GENERAL ELECTRICAL NOTES

1.

RECESSED JUNCTION BOXES FOR SINGLE DEVICES SHALL HAVE SINGLE GANG MUD RINGS CAST IN CONCRETE WALLS.
2.

ALL RECEPTACLES SHALL BE GFCI PROTECTED BY CIRCUIT BREAKERS, OR BY OTHER GFCI RECEPTACLES.
3.

ALL CONDUIT SHALL BE SIZED PER NEC. (SEE REF TABLE) EXPOSED CONDUIT SHALL BE EMT/FMC, RECESSED SHALL BE PVC.

WIRE SIZE	1/2" EMT	3/4" EMT
14	TYPE THHN 12 MAX	TYPE THHN 22 MAX
12	TYPE THHN 9 MAX	TYPE THHN 16 MAX
10	TYPE THHN 5 MAX	TYPE THHN 10 MAX

WIRE SIZE	1/2" ENT	3/4" ENT
14	TYPE THHN 10 MAX	TYPE THHN 18 MAX
12	TYPE THHN 7 MAX	TYPE THHN 13 MAX
10	TYPE THHN 4 MAX	TYPE THHN 8 MAX

WIRE SIZE	1/2" FMC	3/4" FMC
14	TYPE THHN 13 MAX	TYPE THHN 22 MAX
12	TYPE THHN 9 MAX	TYPE THHN 16 MAX
10	TYPE THHN 6 MAX	TYPE THHN 10 MAX
4.

INSTALL ALL WIRING IN CONDUIT OR RELATED ENCLOSURES.
5.

ALL ELECTRICAL INSTALLATIONS SHALL MEET THE 2014 VERSION OF THE NATIONAL ELECTRICAL CODE.
6.

MINIMUM WIRE SIZE SHALL BE #12 AWG COPPER, THHN INSULATION UNLESS NOTED OTHERWISE.
8.

ROUTE ALL CONDUITS IN UTILITY ROOM AT CEILING OR FACE OF WALLS.
9.

ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE & MAY NOT SHOW EXACT LOCATIONS OF DEVICES. REFER TO WALL PANEL & OTHER DRAWINGS FOR EXACT LOCATIONS OF J-BOXES, ETC..
10.

PROVIDE A MOTOR RATED SWITCH FOR DISCONNECT TO HAND DRYER LOCATED IN UTILITY CHASE

PANEL SCHEDULE																		
AMP 200					PANEL					TOTAL CONNECTED VA LOAD 5,380								
SURFACE MOUNT					120/240V, 1P, 3W					TOTAL CALCULATED VA LOAD 6,051								
CIRCUIT						LOAD												
NO.	DESCRIPTION	OCF	TYPE	(VA)	(A)	PH	CIRCUIT						LOAD					
							NO.	DESCRIPTION	OCF	TYPE	(VA)	(A)						
1	MENS LIGHTS AND EXHAUST FAN	1P/20A	N	231	1.9	A	2	WOMENS LIGHTS AND EXHAUST FAN	1P/20A	N	231	1.9						
3	MENS RECEPTACLE	1P/20A	R	360	3.0	B	4	WOMENS RECEPTACLE	1P/20A	R	360	3.0						
5	EXTERIOR LIGHTS	1P/20A	C	42	.4	A	6	CHASE LIGHTS	1P/20A	N	56	.5						
7	PLUMBING SENSORS	1P/20A	R	140	1.2	B	8	CHASE RECEPTACLE	1P/20A	R	180	1.5						
9	MENS HAND DRYER	1P/20A	L	1,140	9.5	A	10	WOMENS HAND DRYER	1P/20A	N	1,140	9.5						
11						B	12	EH-2 CHASE HEATER	2P/20A	C	1,500	6.3						
13						A	14		2P/20A	C		6.3						
15						B	16											
17						A	18											
19						B	20											
21						A	22											
23						B	24											
25						A	26											
27						B	28											
29						A	30											
31						B	32											
NOTE: MAXIMUM ALLOWABLE AIC IS 22K AMPS, PANEL MODIFICATIONS WILL BE REQUIRED (NOT BY CXT) IF TRANSFORMER CAPACITY EXCEEDS 175 KVA.							LOAD			CONNECTED			CALCULATED					
							(C)ONTINUOUS			1,542 X 1.25			1,928 VA					
							(R)EC (1ST 10KVA)			1,040 X 1.00			1,040 VA					
							(N)ON-CONTINUOUS			1,658 X 1.00			1,658 VA					
							(L)ARGEST MOTOR			1,140 X 1.25			1,425 VA					
							TOTAL LOAD			5,380 VA			6,051 VA					
													25.2 AMPS					

LIGHTING FIXTURE SCHEDULE			
FIXTURE NUMBER	VOLTAGE	WATTS	DESCRIPTION
A	120	28	LUMINAIRE VPF84 INTERIOR LIGHT FIXTURE, VPF8-4-28W HP-4000K-120-CP-WHT-WET-OCC-TX/SD SURFACE MOUNTED, LED LAMP 4 FT, WRAP AROUND LENS, LOW TEMPERATURE DRIVER, BUILT IN OCCUPANCY SENSOR ACTIVATED W/ ADDITIONAL OCCUPANCY SENSOR FOR FAN CONTROL
B	120	14	SWDOP 610 LED EXTERIOR LIGHT, YWP610-14W HP-3500K-120-CP-BRZ-CAB/PC EXTERIOR, VANDAL RESISTANT, WALL MOUNTED, 14 WATT, CLEAR PRISMATIC LENS, BUILT IN PHOTDELECTRIC CONTROL
C	120	28	LUMINAIRE VPF84 INTERIOR LIGHT FIXTURE, VPF8-4-28W HP-4000K-120-CP-WHT-WET-OCC-TX/SD SURFACE MOUNTED, LED LAMP 4 FT, WRAP AROUND LENS, LOW TEMPERATURE DRIVER, BUILT IN OCCUPANCY SENSOR ACTIVATED

NOTE : THE SOURCE OF EFFICACY OF EXTERIOR LIGHTING IS TO BE A MINIMUM OF 45 LUMENS PER WATT.

EXHAUST FAN SCHEDULE							
SYM	MFR	MODEL #	CFM	SONES	VOLTS	AMPS	NTS.
EF-1	FANTECH	RVF-6XL	381	6.0	120	1.46	1

- NOTE
1. FANS LISTED FOR WET LOCATION, CONTROL VIA OCCUPANCY SENSOR. LOCATE OPEN FACE E-BOX ON EXTERIOR SIDE OF PANEL.

ELECTRIC HEATER SCHEDULE							
SYM	MFR	MODEL #	CFM	VOLTS	WATTS	AMPS	NTS.
EH 2	CADET	C152T	83	240	1500	6.25	1,2
REMARKS 1. INTEGRAL THERMOSTAT, SURFACE MOUNTING 2. HEATER MAY BE SUBSTITUTED WITH EQUAL PRODUCT							

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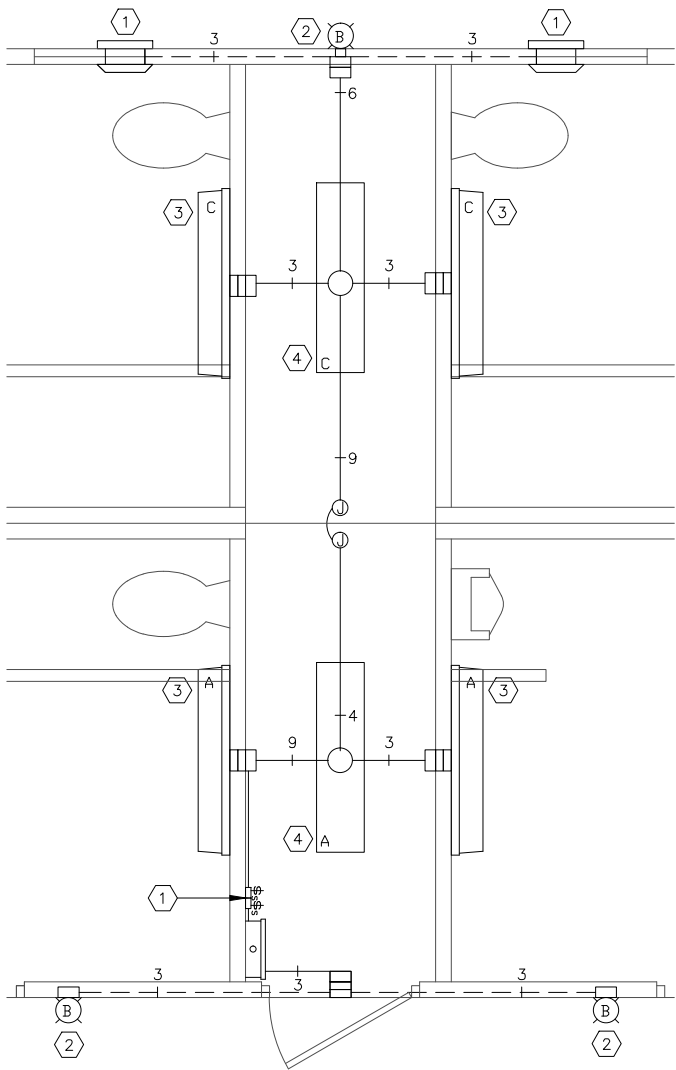
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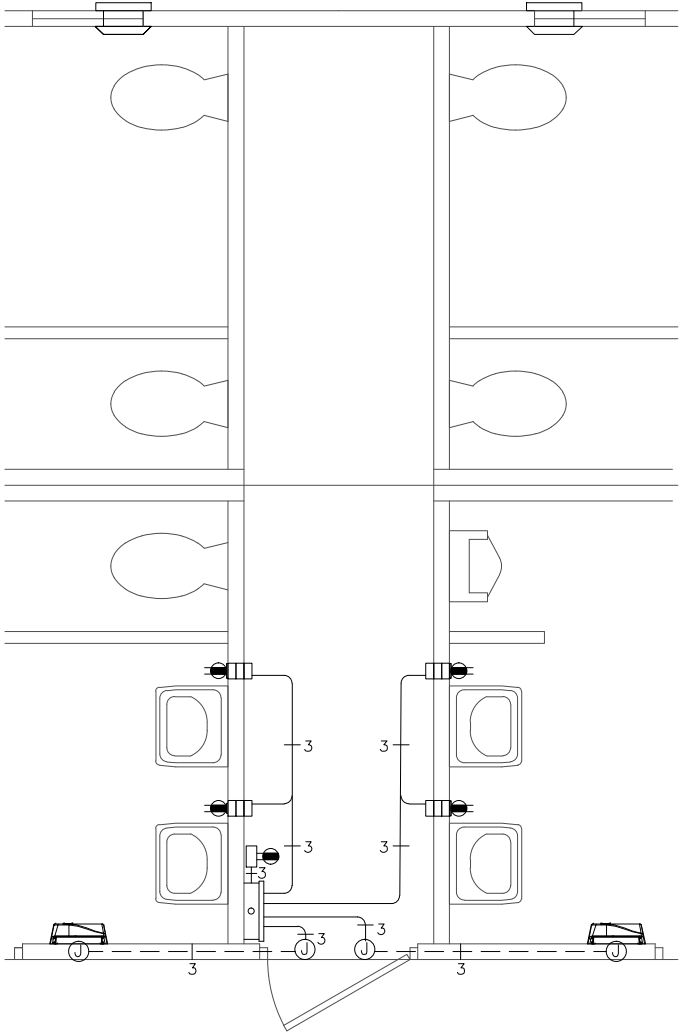
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CHECKED	RDW	PLOT	64

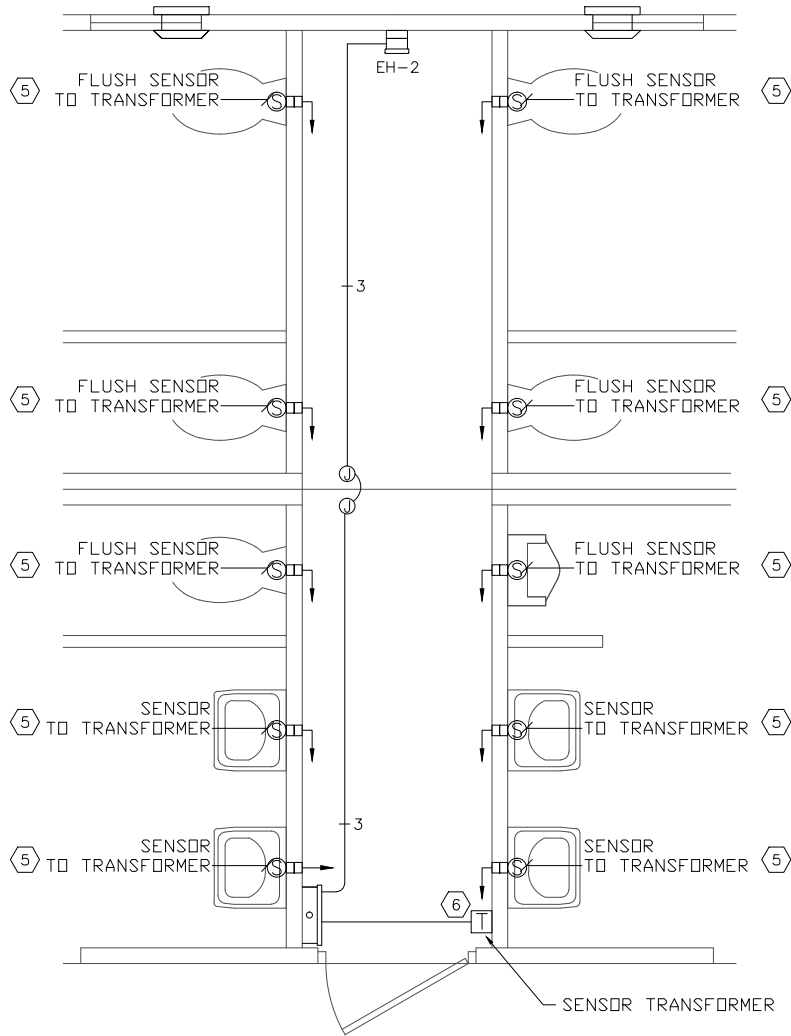
ELECTRICAL NOTES, LEGEND & SCHEDULE		
DWG NO.	SHEET	REV.
TA-31	31	34



LIGHTING & EXHAUST FAN PLAN



RECEPTACLE & HAND DRYER



CHASE HEATER & FLUSH SENSOR PLAN

KEY NOTES

- 1 WIRE EF-1 THROUGH SPEED SWITCH AND OCCUPANCY SENSOR.
- 2 LIGHT FIXTURES TO BE CONTROLLED BY PHOTOCELL. ROUTE WIRING IN CONCEALED CONDUIT.
- 3 LIGHTS TO OPERATE BY OCCUPANCY SENSOR.
- 4 CHASE LIGHTS OPERATED BY OCCUPANCY SENSORS.
- 5 PLUMBING SENSOR TRANSFORMER.
- 6 PROOVIDE POWER TO PLUMBING SENSORS PER MANUFACTURES INSTRUCTIONS

SYMBOLS LEGEND

#	NOTE REFERENCE	○	LOAD CENTER "A"	◁X▷	PANEL OR DEVICE AS NOTED
⊕	COMBINATION SWITCH AND DUPLEX RECEPTACLE (GFI)	○X	WALL MOUNTED FLUORESCENT FIXTURE	T	THERMOSTAT
⊕	DUPLEX RECEPTACLE ( x = BREAKER # IF SHOWN)	○X	CEILING MOUNTED FLUORESCENT FIXTURE	▭	HEATER
⊕	GFI DUPLEX RECEPTACLE ( x = BREAKER # IF SHOWN)	⊕X	EXTERIOR LIGHT FIXTURE	◇	CEILING FAN
\$	ON / OFF SWITCH (M-MOTOR RATED)	⊕	HAND DRYER	⊕	EXIT SENSOR
\$s	SPEED SWITCH	⊕	WATER HEATER	⊕	MAGNETIC DOOR LOCK
—	SURFACE MOUNTED CONDUIT, CROSSHATCH OR SLASH AND NUMBER DENOTES WIRES, (ALL #12AWG UNO, UNLESS NOTED) ONE WIRE TO BE GROUNDING (GREEN)	⊕	OCCUPANCY SENSOR WITH RECESSED JUNCTION BOX	⊕	EXIT CONTROL SWITCH
12		⊕	SAFETY DISCONNECT	⊕	SURFACE JUNCTION BOX
—	CONCEALED CONDUIT	⊕		⊕	RECESSED OR SURFACE FOUR SQUARE JUNCTION BOX
		⊕		⊕	SPECIAL PURPOSE OUTLET AS NOTED

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CHECKED	RDW	PLOT	64

ELECTRICAL PLAN  
& SCHEDULE

DWG NO.	SHEET	REV.
TA-32	32	34



